

AUDIO-VIDEO STEREO RECEIVER

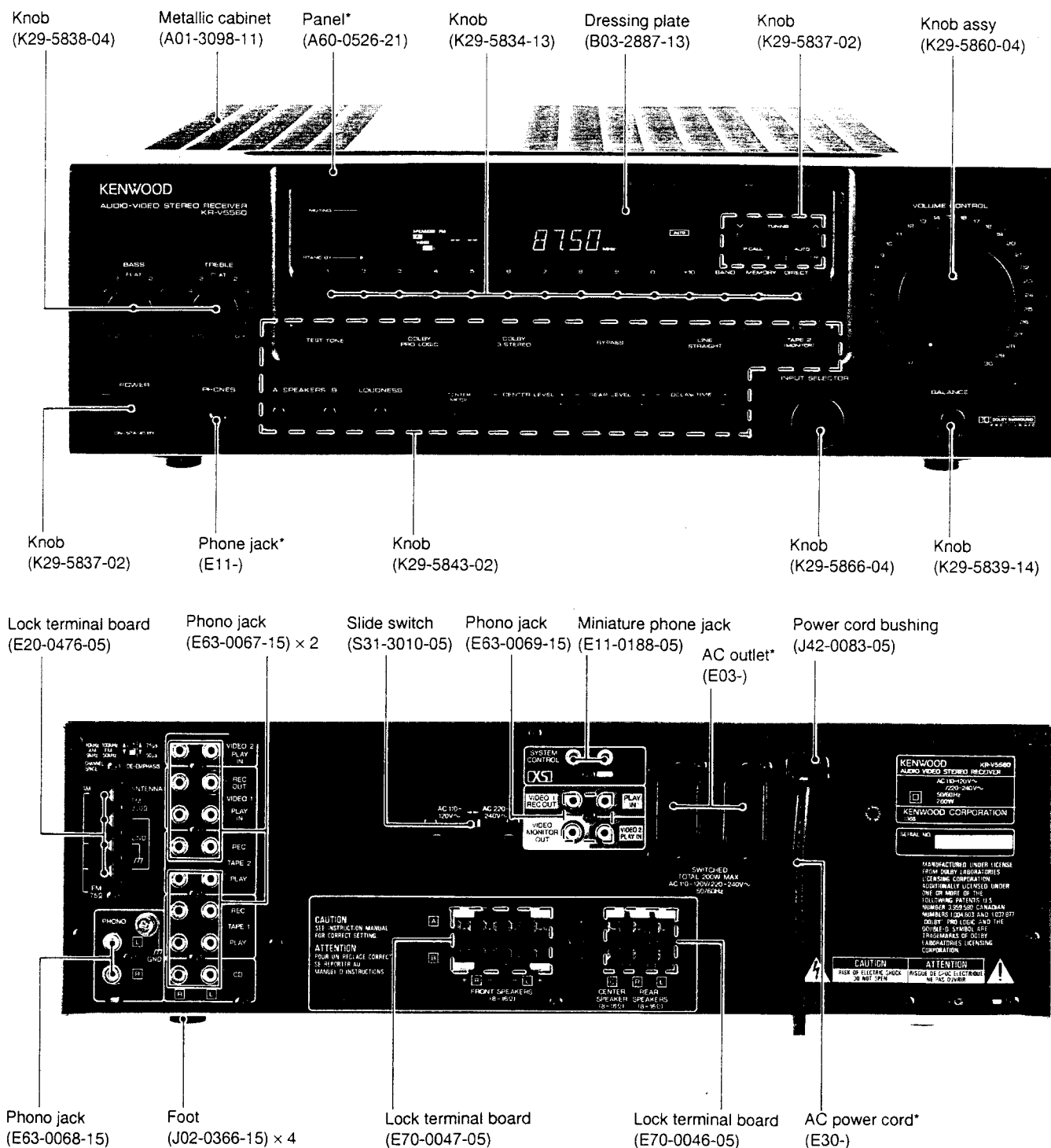
# KR-694/V5560/V6060

## SERVICE MANUAL

# KENWOOD

© 1994-1 PRINTED IN JAPAN  
B51-4842-00(S) 3457

**KR-V5560(KR-694 same as KR-V5560 without Model name.)**



MC-Service

\*Refer to parts list on page 51.

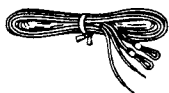
# KR-694/V5560/V6060

## CONTENTS

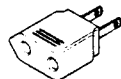
ACCESSORIES .....	2	WIRING DIAGRAM .....	23
REMOTE CONTROL UNIT .....	5	PC BOARD(Component side view) .....	25
DISASSEMBLY FOR REPAIR .....	8	SCHEMATIC DIAGRAM .....	33
BLOCK DIAGRAM .....	9	EXPLODED VIEW .....	49
CIRCUIT DESCRIPTION .....	11	PARTS LIST .....	51
ADJUSTMENT .....	20	SPECIFICATIONS .....	62

### ACCESSORIES

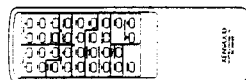
FM indoor antenna .....(1)  
(T90-0175-05)



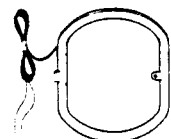
AC plug adaptor .....(1)  
(E03-0115-05):M



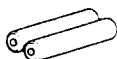
Remote control unit .....(1)  
[KR-694,V5560]  
A60-0964-05  
BATTERY COVER : A09-0170-08



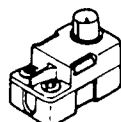
AM loop antenna Assy.....(1)  
(T90-0195-05)



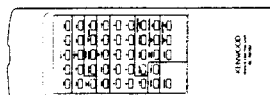
Batteries (R6/AA) .....(2)



Antenna adaptor(75Ω/300Ω)  
..... (1)  
(T90-0185-05):E,T



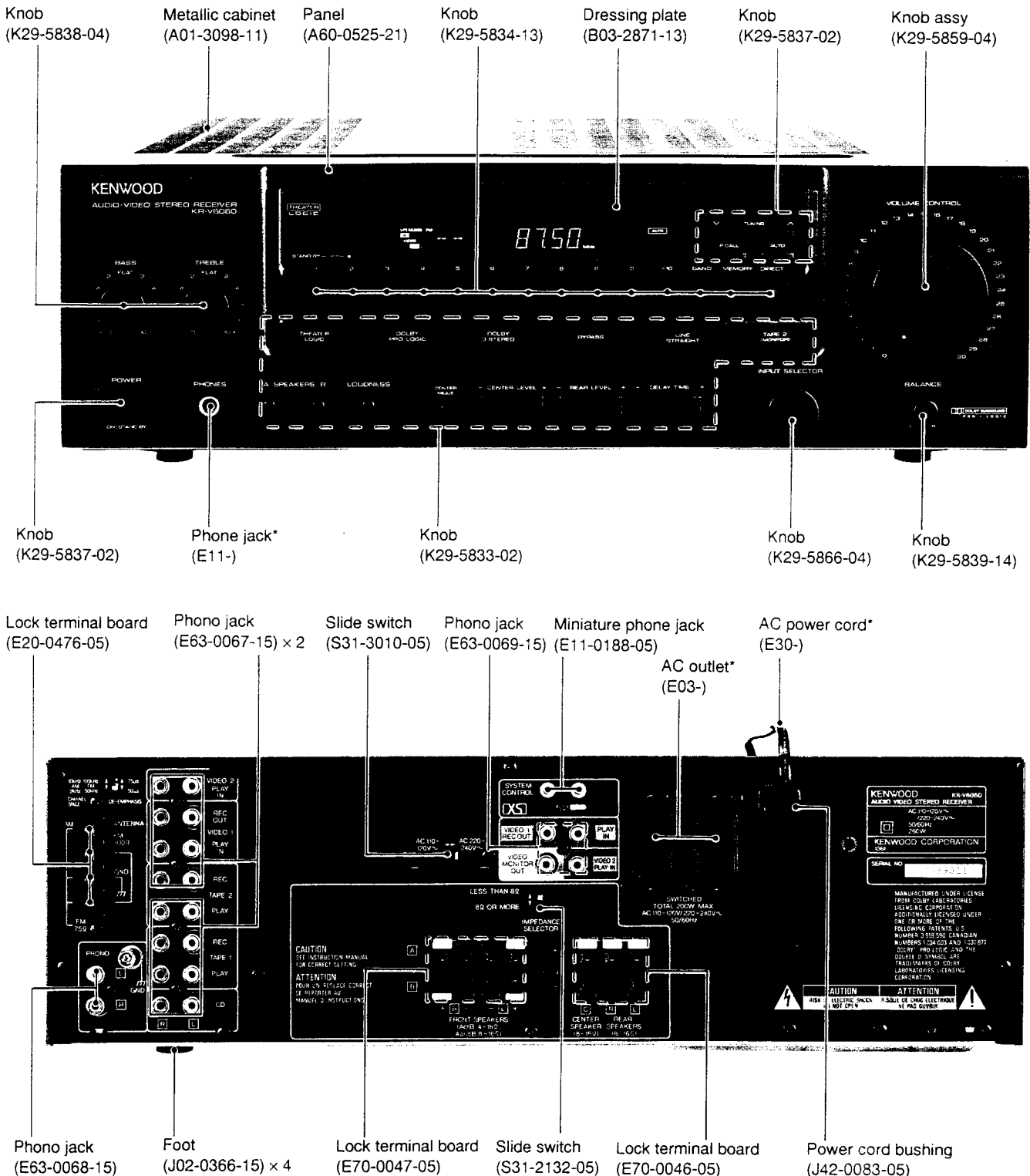
[KR-V6060]  
A70-0962-05 : K,P,Y,M,R  
A70-0963-05 : E,T  
BATTERY COVER : A09-0146-08



Loop antenna stand  
(J19-3645-05)

# KR-694/V5560/V6060

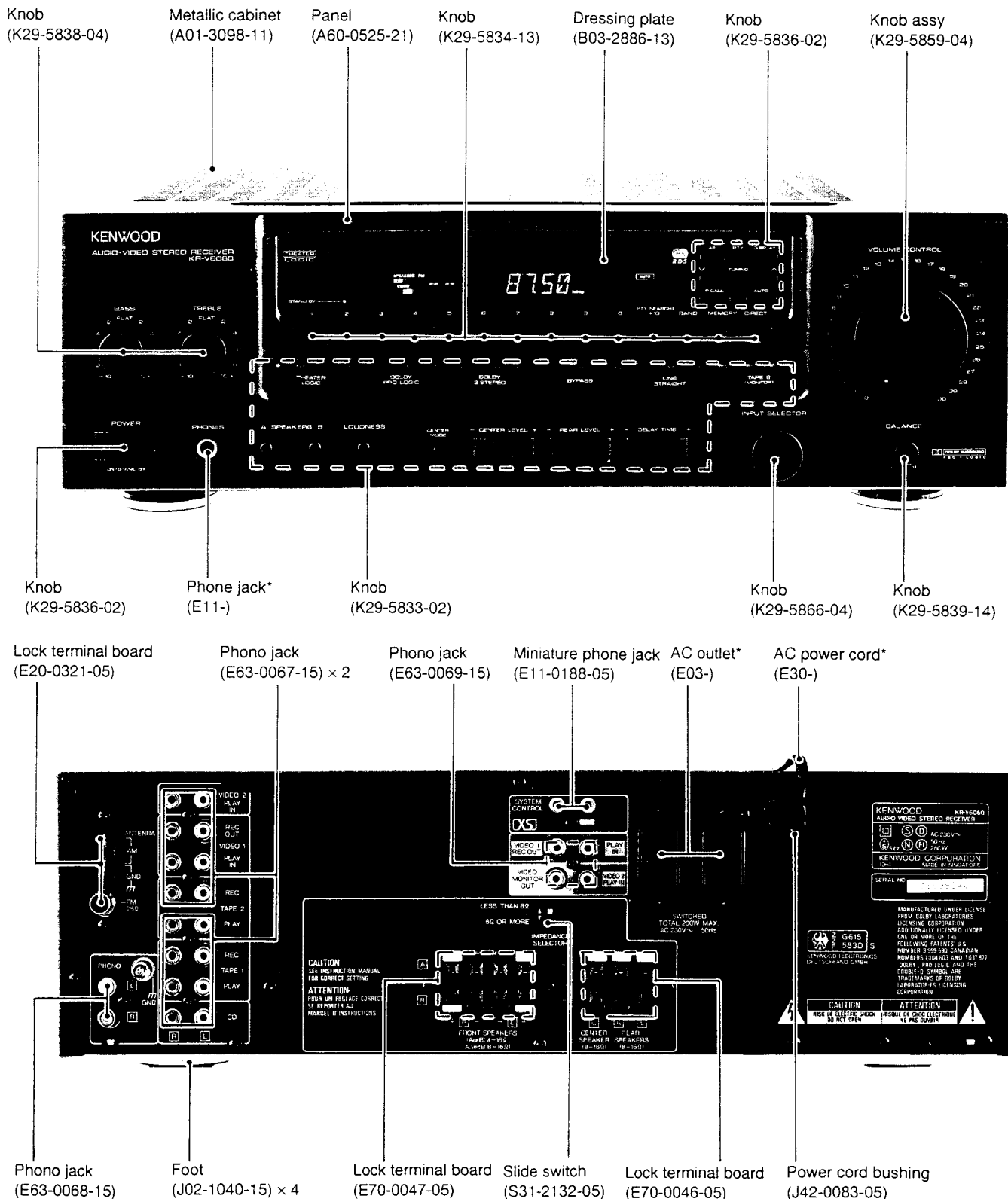
## KR-V6060 M type (Except E,T type)



\*Refer to parts list on page 51.

# KR-694/V5560/V6060

## KR-V6060(E,T Type)



\*Refer to parts list on page 51.



# KR-694/V5560/V6060

## REMOTE CONTROL UNIT

KR-694/V5560

### TUNER operation keys

**BAND** Selects the broadcast band.  
**P.CALL** Recalls preset stations.

### CD player operation keys

**DISC** This key is used as the disc selector of a multi-CD player. Each press selects a different disc.

### INPUT key

Selects the input sources.

### TAPE 2 (MONITOR) key

Press to monitor the source being recorded.

### POWER key

### MUTE key

Mutes the sound temporarily.

### VOLUME keys

Adjust the listening volume. The VOLUME CONTROL knob of the main unit turns when these keys are operated.

### Cassette deck operation keys

These keys are used to operate TAPE A and TAPE B decks.

### REC/ARM key

When recording on TAPE B, puts the deck in record-pause mode after leaving a non-recorded blank of 4 seconds.

### Graphic equalizer operation keys

**EFFECT** Turns the graphic equalizer ON and OFF.

**M.CALL** Recalls the preset equalizer curves from memory.

### SURROUND keys

#### SURROUND MODE

Switches the surround modes.

#### TEST TONE

Switches the test tone ON and OFF.

#### CENTER + MULTI LEVEL CONTROL

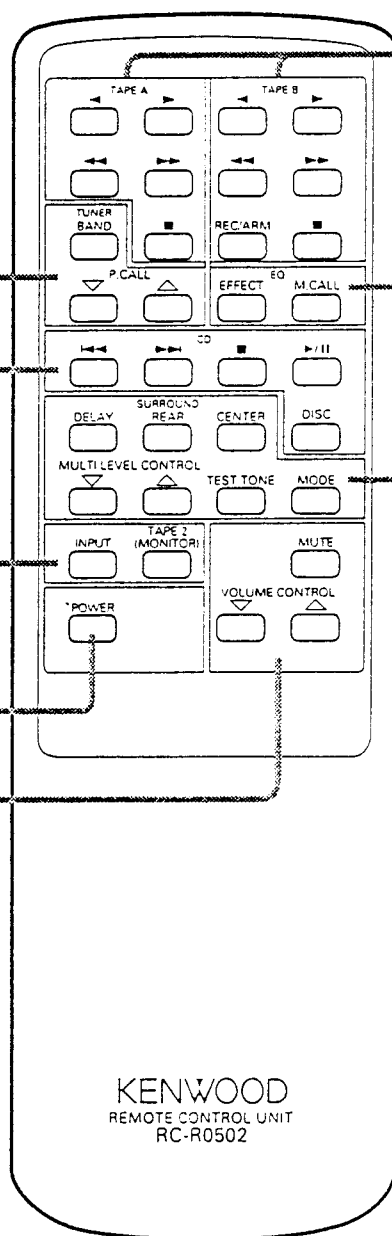
This combination adjusts the center level.

#### REAR + MULTI LEVEL CONTROL

Adjusts the rear level.

#### DELAY + MULTI LEVEL CONTROL

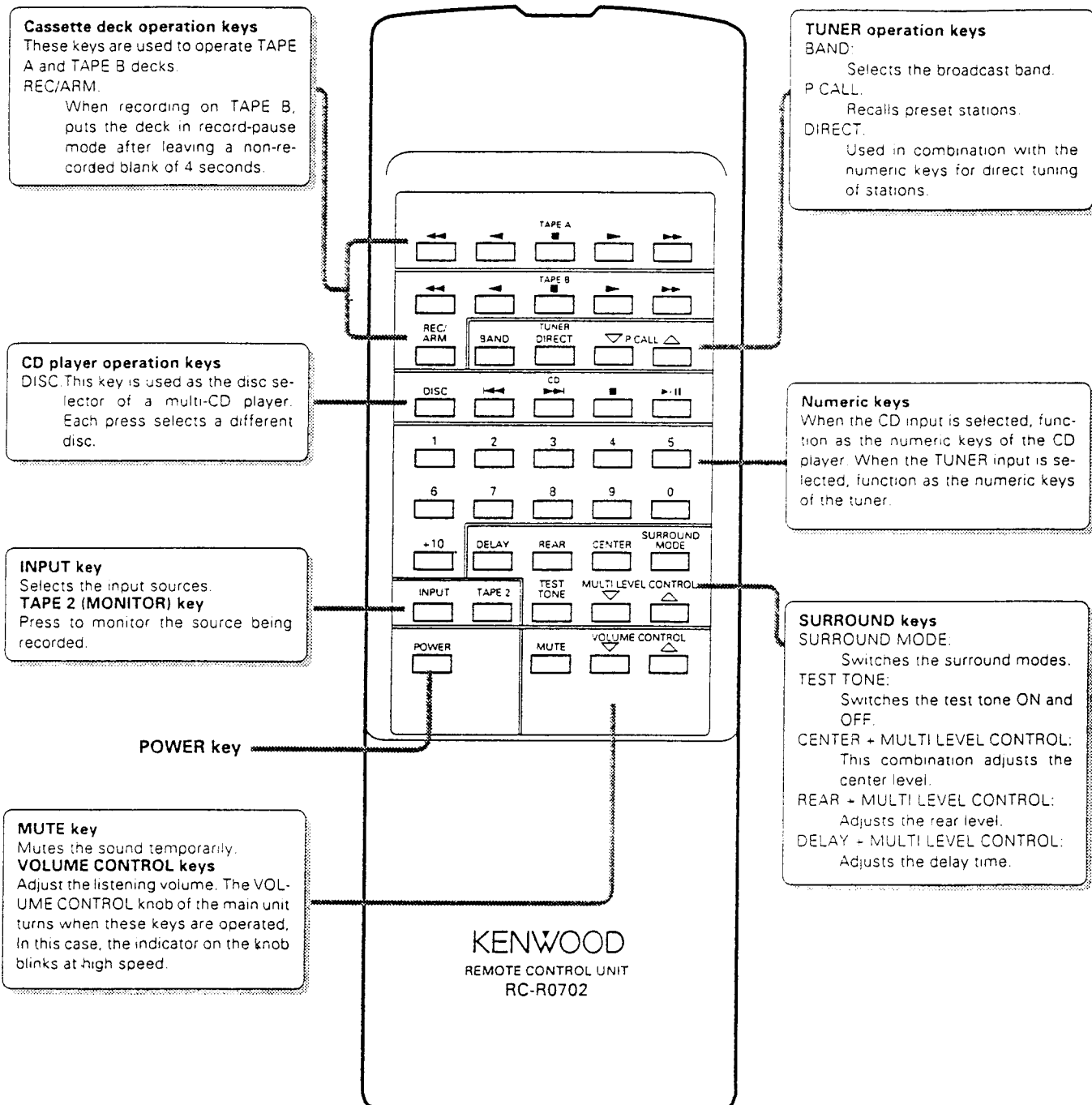
Adjusts the delay time.



# KR-694/V5560/V6060

## REMOTE CONTROL UNIT

KR-V6060 ( Except E,T type)



# KR-694/V5560/V6060

## REMOT CONTROL UNIT

KR-V6060 (E,T type)

### Graphic equalizer operation keys

#### EFFECT:

Turns the graphic equalizer ON and OFF.

#### M.CALL:

Recalls the preset equalizer curves from memory.

### CD player operation keys

**DISC:** This key is used as the disc selector of a multi-CD player. Each press selects a different disc.

### SURROUND keys

#### SURROUND MEMORY:

Surround play data can be registered under these keys.

#### SURROUND MODE:

Switches the surround modes.

#### TEST TONE:

Switches the test tone ON and OFF.

#### CENTER + MULTI LEVEL CONTROL:

This combination adjusts the center level.

#### REAR + MULTI LEVEL CONTROL:

Adjusts the rear level.

#### DELAY + MULTI LEVEL CONTROL:

Adjusts the delay time.

### Cassette deck operation keys

These keys are used to operate TAPE A and TAPE B decks.

#### REC/ARM key

When recording on TAPE B, puts the deck in record-pause mode after leaving a non-recorded blank of 4 seconds.

### TUNER operation keys

#### BAND

Selects the broadcast band.

#### P.CALL:

Recalls preset stations.

#### DIRECT:

Used in combination with the numeric keys for direct tuning of stations.

#### PTY/AF/DISPLAY:

Used in reception of RDS broadcasting.

### Numeric keys

When the CD input is selected, function as the numeric keys of the CD player. When the TUNER input is selected, function as the numeric keys of the tuner.

### MUTE key

Mutes the sound temporarily.

### VOLUME CONTROL keys

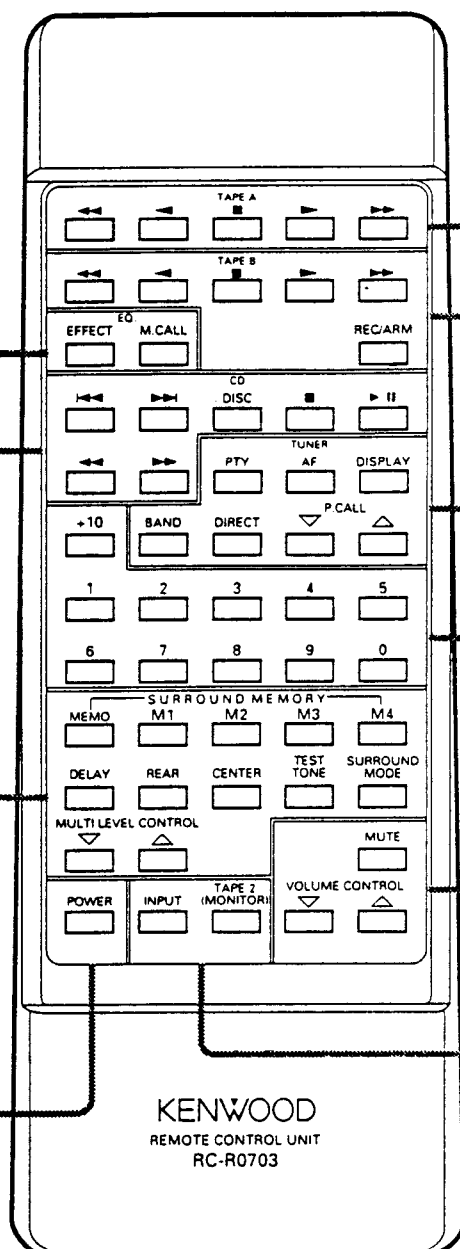
Adjust the listening volume. The VOLUME CONTROL knob of the main unit turns when these keys are operated. In this case, the indicator on the knob blinks at high speed.

### INPUT key

Selects the input sources.

### TAPE 2 (MONITOR) key

Press to monitor the source being recorded.



POWER key

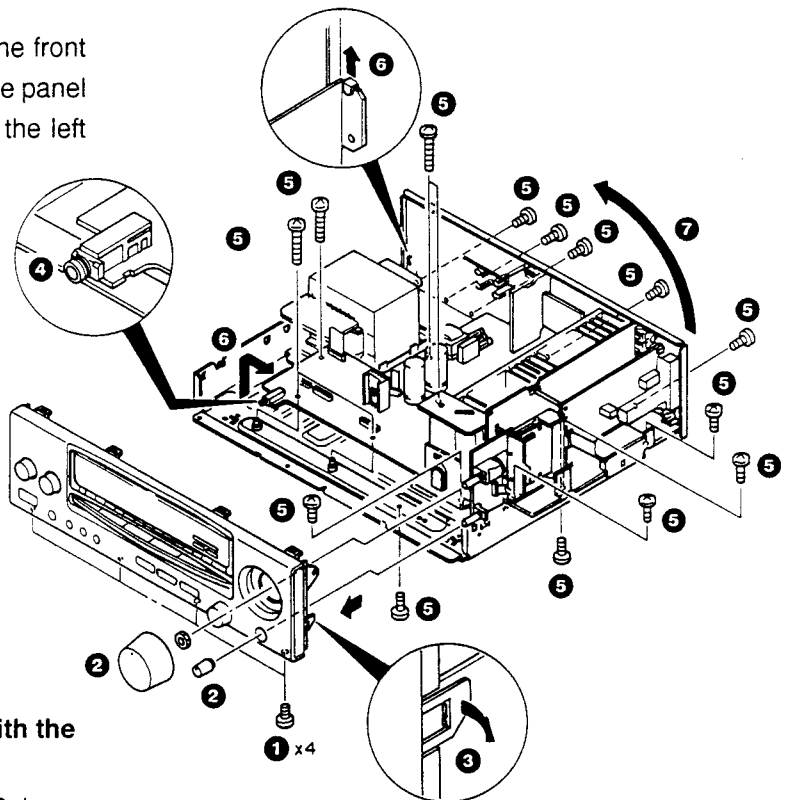
# KR-694/V5560/V6060

## DISASSEMBLY FOR REPAIR

Remove the upper case in advance.

### 1. How to remove the front panel

Remove the four screws (❶) at the bottom of the front panel and the volume knob and nut. Remove the panel forward while removing the Balance knob (❷) the left and right tabs (❸).

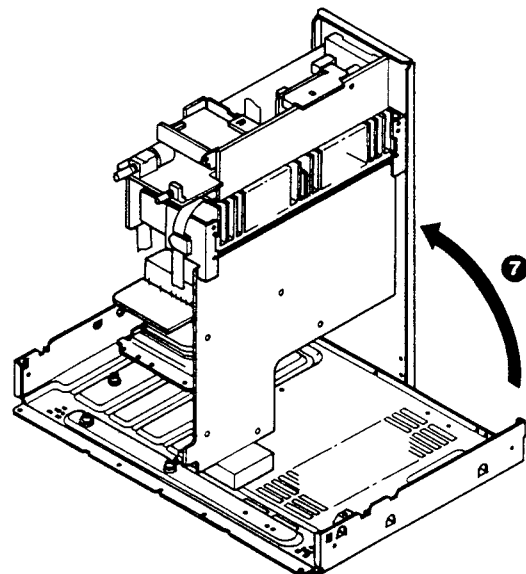


### 2. How to remove the main circuit board (with the front panel attached)

Remove the Volume knob and nut, and the Balance knob (❷). Next remove the 16 screws (❸) and remove the main PCB from the main chassis.

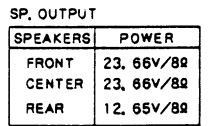
When removing, lift up the main PCB, move it right, lift it up in direction (❷) while being careful not to contact the transformer PCB, and stand it up as shown in the diagram below.

If the main PCB is unstable, insert a spacer (❸) as needed near the PHONES jack.



# KR-694/V5560/V6060

## GRAM



# KR-694/V5560/V6060

## CIRCUIT DESCRIPTION

### 1. Function description

#### TUNER

	KR-694	KR-V5560	KR-V6060	KR-V7060	KR-V8060
20 ch RANDOM PRESET	○	○	○	○	○
Tuning control by IF count	○	○	○	○	○
Direct selection	○	○	○	○	○
RDS function (E, T type only)			○	○	

○: FUNCTION NO mark: NO FUNCTION

#### AMP

	KR-694	KR-V5560	KR-V6060	KR-V7060	KR-V8060
① INPUT SELECTOR TAPE 2 ON TAPE 2 OFF <div style="display: inline-block; vertical-align: middle;"> <div style="display: inline-block; vertical-align: middle;">CD TUNER PHONO TAPE 1 VIDEO 1 VIDEO 2</div> </div>					
② VIDEO SELECTOR VIDEO 1 VIDEO 2	○	○	○	○	○
③ LINE STRAIGHT	○	○	○	○	
④ SURROUND MODE	PRO LOGIC(NOR, WIDE, PHANTOM) 3 STEREO	○	○	○	○
	THEATER LOGIC		○	○	
	DSP LOGIC DSP <div style="display: inline-block; vertical-align: middle;">ARENA, JAZZ CLUB STADIUM</div>				○
⑤ SURROUND MEMORY (M1 ~ M4) SURROUND MODE CENTER MODE DELAY TIME CENTER LEVEL			○ (E, T type only)	○ (E, T type only)	
⑥ SPEAKER A/B SELECT	○	○	○	○	○
* ⑦ IMPEADANC SELECTOR (4/8Ω)			○ (AUTO)	○ (MANUAL)	○ (MANUAL)

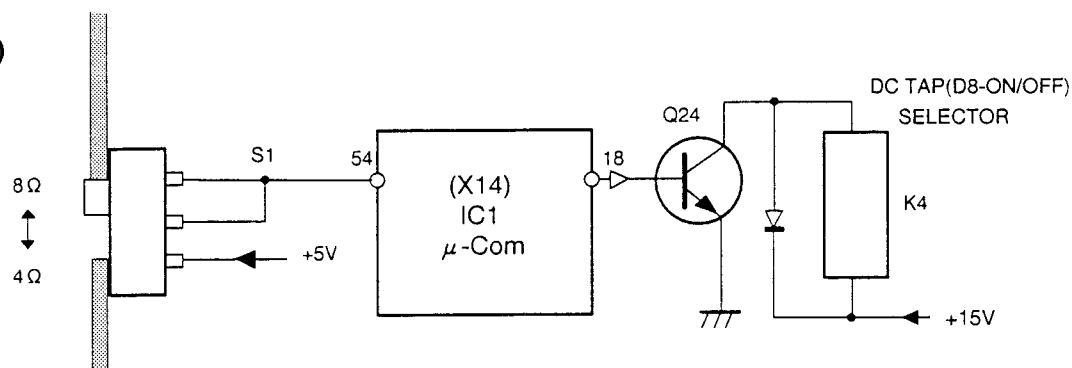
○: FUNCTION No Mark: NO FUNCTION

# KR-694/V5560/V6060

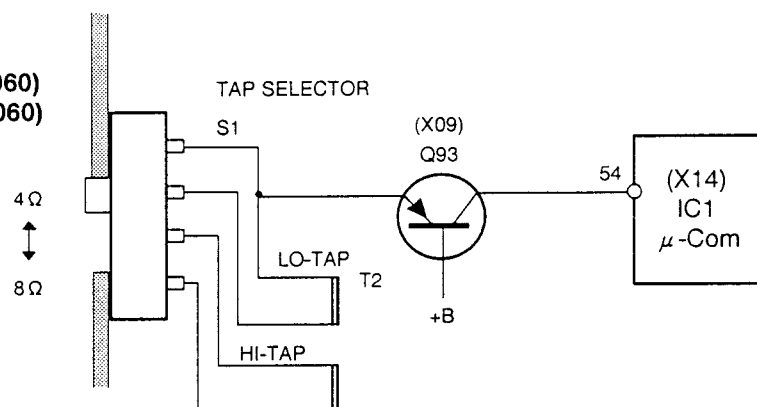
## CIRCUIT DESCRIPTION

### \*⑦ INPEDANCE SELECTOR (4/8 Ω)

AUTO(KR-V6060)



MANUAL(KR-V7060)  
(KR-V8060)



AUTO (KR-V6060 only)

#### Speaker IMPEDANCE SELECTOR

Set the IMPEDANCE SELECTOR switch on the rear panel according to the impedance of the front speakers used. The center and rear speakers should have impedances from 8 to 16 ohms regardless of the position of this switch.

For surround play		For non-surround play	
Front speaker impedance	Selector position	Front speaker impedance	Selector position
A or B speakers 4Ω ~ 6Ω	LESS THAN 8Ω 8Ω OR MORE ↑↓ IMPEDANCE SELECTOR	A or B speakers 4Ω ~ 6Ω	LESS THAN 8Ω 8Ω OR MORE ↑↓ IMPEDANCE SELECTOR
A or B speakers 8Ω ~ 16Ω	LESS THAN 8Ω 8Ω OR MORE ↑↓ IMPEDANCE SELECTOR	A or B speakers 8Ω ~ 16Ω A and B speakers 8Ω ~ 16Ω	LESS THAN 8Ω 8Ω OR MORE ↑↓ IMPEDANCE SELECTOR

- It is not possible to use both A and B speaker systems for surround play.
- It is not possible to use both A and B speaker systems if speakers have impedances from 4 ohms to 6 ohms.

# KR-694/V5560/V6060

## CIRCUIT DESCRIPTION

### 2. Conditions according to the destination and model

#### TUNER

Destination	DIODE SW			BAND	Receiving Remarks	Channel Space	IF	Reference Frequency
	DSW2 D33	DSW1 D34	DSW0 D35					
K1 (1700)	0	0	0	FM	87.5 MHz ~ 108.0 MHz	100 kHz	+ 10.7 MHz	50 kHz
				AM	530 kHz ~ 1700 kHz	10 kHz	+ 450 kHz	10 kHz
K2 (1610)	0	0	1	FM	87.5 MHz ~ 108.0 MHz	100 kHz	+ 10.7 MHz	50 kHz
				AM	530 kHz ~ 1610 kHz	10 kHz	+ 450 kHz	10 kHz
E1	0	1	1	FM	87.5 MHz ~ 108.0 MHz	50 kHz	+ 10.7 MHz	50 kHz
				AM	531 kHz ~ 1602 kHz	9 kHz	+ 450 kHz	9 kHz
E3 (RDS)	1	0	1	FM	87.5 MHz ~ 108.0 MHz	50 kHz	+ 10.7 MHz	50 kHz
				AM	531 kHz ~ 1602 kHz	9 kHz	+ 450 kHz	9 kHz
M	0	X	1	K2/E1 changes by only setting "DSW1". (DSW1 = 0: K2 Type, 1: E1 type)				

\* DIODE SW (DSWX): 0 = Without DIODE (when static, input LOW)  
 1 = With DIODE (when static, input HIGH)  
 X = TRANSISTOR SW (0 = OFF 1 = ON)

#### AMP

MODEL	DIODE SW	DSW 4	DSW 3	Surround function	IMPEDANCE SELECTOR (4/8Ω)
	Ref. No.	D31	D32		
KR-694/V5560		0	0	PRO-LOGIC, 3 STEREO	AUTO MANUAL MANUAL
KR-V6060		0	1	PRO-LOGIC, 3 STEREO, THEATER LOGIC	
KR-V7060		1	0	PRO-LOGIC, 3 STEREO, THEATER LOGIC	
KR-V8060		1	1	PRO-LOGIC, 3 STEREO, DSP LOGIC, DSP.	

0: NO DIODE    1: ADD DIODE



# KR-694/V5560/V6060

## CIRCUIT DESCRIPTION

### 3. Function initial setting

#### ① POWER OFF

#### ② AMP system

- AUDIO SELECTOR TUNER
- IMAGE SELECTOR VIDEO 1
- SPEAKER A ON
- SPEAKER B OFF
- TAPE 2 MONITOR OFF
- LINE STRAIGHT OFF
- LOUDNESS OFF

#### ③ TUNER system

- BAND FM
- FREQUENCY Lower limit of FM  
(87.5 MHz)
- TUNING MODE AUTO TUNING  
(AUTO STEREO)
- P. CH DISPLAY —ch

#### ④ SURROUND system

- MODE BYPASS (OFF)
- CENTER LEVEL 0 dB
- REAR LEVEL 0 dB
- PROLOGIC MODE NORMAL
- 3 STEREO MODE NORMAL
- DSP MODE ARENA
- PRESENCE LEVEL:
  - DSP -0 dB
  - DSP LOGIC (KR-V8060 ONLY) -0 dB
  - THEATER LOGIC -4 dB
- DELAY TIME:
  - DOLBY PROLOGIC 20 ms
  - DSP 30 ms
  - DSP LOGIC (KR-V8060 ONLY) 40 ms
  - THEATER LOGIC 30 ms

#### ⑤ TEST PRESET FREQUENCY

	K1 TYPE	K2 TYPE	E TYPE
01 ch	FM 98.00 MHz	FM 98.00 MHz	FM 98.00 MHz
02 ch	FM 108.00 MHz	FM 108.00 MHz	FM 108.00 MHz
03 ch	AM 630 kHz	AM 630 kHz	AM 630 kHz
04 ch	AM 990 kHz	AM 990 kHz	AM 990 kHz
05 ch	AM 1440 kHz	AM 1440 kHz	AM 1440 kHz
06 ch	AM 1610 kHz	AM 1610 kHz	AM 1602 kHz
07 ch	AM 1700 kHz	FM 87.50 MHz	FM 87.50 MHz
08 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
09 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
10 ch	FM 89.10 MHz	FM 89.10 MHz	FM 89.10 MHz
11 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
12 ch	FM 90.00 MHz	FM 90.00 MHz	FM 90.00 MHz
13 ch	FM 106.00 MHz	FM 106.00 MHz	FM 106.00 MHz
14 ch	AM 530 kHz	AM 530 kHz	AM 531 kHz
15 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
16 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
17 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
18 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
19 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
20 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz

The initial setting is performed in a following event:

1. When backup memory data is destroyed when reset is applied to the microprocessor.
2. When the power cord is plugged in to the AC wall outlet while pressing the POWER key.

# KR-694/V5560/V6060

## CIRCUIT DESCRIPTION

### 4. TEST MODE

#### Setting method

Plug the power cord in the AC electrical outlet while depressing the "TUNING DOWN" key.

#### Cancellation method

Unplug the power cord from the AC electrical outlet.

#### Contents

##### ① Starting the main unit test mode

When plug the power cord in the outlet while depressing the "TUNING DOWN" key, the test mode is entered which uses the main unit keys. At this time the following three actions occur:

- The power comes ON automatically.
- The fluorescent display and all LEDs illuminate.
- All conditions except POWER ON/OFF are initialized.

The all-illuminated state is cleared by pressing any main unit key. Also, any conditions changed during test mode are reinitialized when the test mode is cleared (by turning the AC power supply OFF).

##### ② Automatic motor VR UP/DOWN (AMP)

Operating the "TAPE 2" key actuates the motor VR as follows: 16 seconds UP → 16 seconds DOWN → STOP. Accordingly, "TAPE 2 MONITOR" switching cannot be done during the main unit test mode.

##### ③ Mute signal output (AMP)

No Selector MUTE (MUTE 1) control regulation is done whatsoever.

##### ④ 0~9, +10 testmode (TUNER)

- a) When the +10 key is not operated, channels 1 through 9 (1~9 keys) and channel 10 (0 key) can be called.
- b) When the +10 key is operated once, channels 11 through 19 (1~9 keys) and channel 20 (0 key) can be called.
- c) When the +10 key is operated once more, the condition returns to that of a) above: "when the +10 key is not operated."

##### ⑤ Operations that can only be done by remote control

- a) AMP system: NONE
- b) TUNER system: NONE
- c) SURROUND system

"P. CH CALL" key: Same operation as the "CENTER MODE" key.

"DIRECT" key: Same operation as "TEST TONE" key.

- Naturally enough, "P. CH CALL" "DIRECT" operation cannot be carried out.

##### ⑥ During the test mode, because there is no 4/8 switching input status display, the fluorescent "SPEAKERS" display is substituted instead.

(4/8 = Light on/Light off) As a result, please be careful concerning illumination of "SPEAKERS" during the test mode.

##### ⑦ Cancelling the main unit test mode

When the power cord unplug in the AC outlet during the main unit test mode, the test mode is cancelled and the initial condition restored.

# KR-694/V5560/V6060

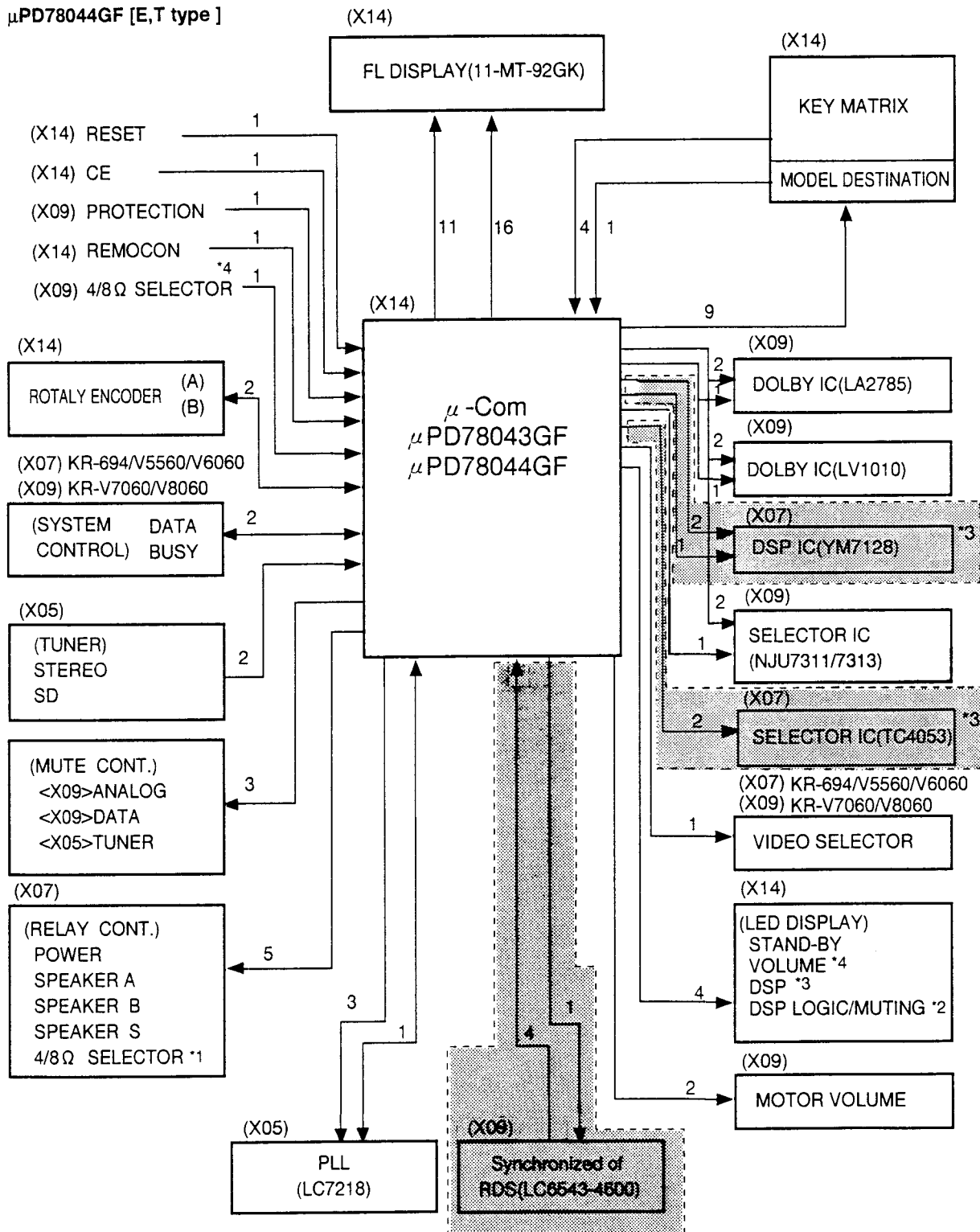
## CIRCUIT DESCRIPTION

### 5. Microprocessor : $\mu$ PD78043GF/ $\mu$ PD78044GF (X14 : IC1)

#### ① Microprocessor periphery block diagram

$\mu$ PD78043GF [K,P,M,X,Y type]

$\mu$ PD78044GF [E,T type]



\*1 : KR-V6060 only

\*2 : Usually, DSP LOGIC(LED) , MUTING(LED) when KR-V5560.

\*3 : KR-V8060 only

\*4 : Unused for KR-V5560.

Shaded box :  $\mu$ PD78044GF ONLY

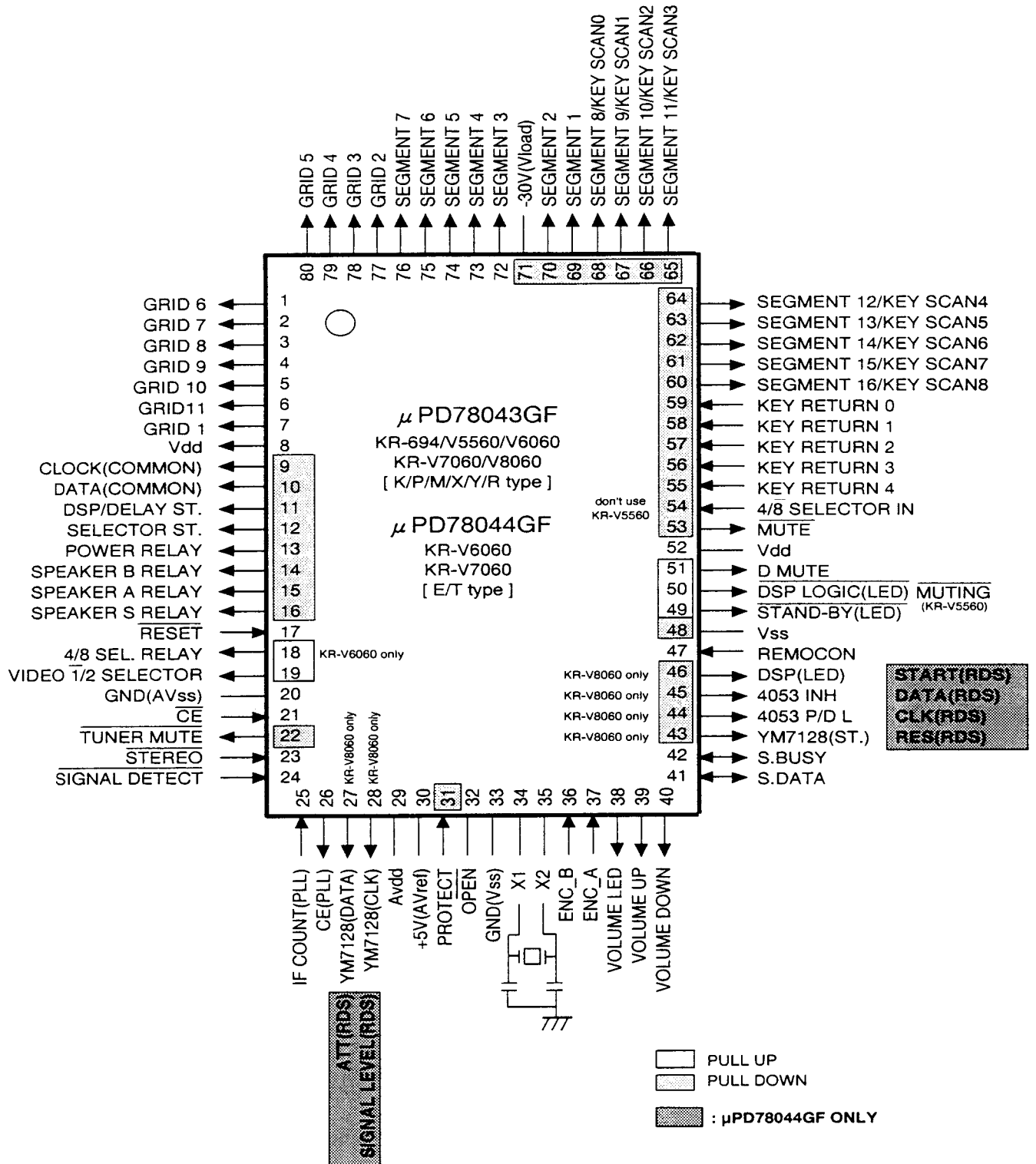
# KR-694/V5560/V6060

## CIRCUIT DESCRIPTION

### ② Port layout

μPD78043GF [K,P,M,X,Y type]

μPD78044GF [E,T type]



# KR-694/V5560/V6060

## CIRCUIT DESCRIPTION

### ③ Pin description

For pin numbers marked by an asterisk(\*) the upper row is  $\mu$ PD78043GF and the lower ( ) row is  $\mu$ PD78044GF.

Pin No.	$\mu$ -Com No.	Port I/O	Name	Description
1		OUT	GRID 6	FL Grid 6
2		OUT	GRID 7	FL Grid 7
3		OUT	GRID 8	FL Grid 8
4		OUT	GRID 9	FL Grid 9
5		OUT	GRID 10	FL Grid 10
6		OUT	GRID 11	FL Grid 11
7		OUT	GRID 1	FL Grid 1
8		-	Vdd	Microprocessor power supply
9		OUT	CLOCK (COMMON)	Clock for control IC (ANALOG SW/PLL IC/DSP)
10		OUT	DATA (COMMON)	Data for control IC (ANALOG SW/PLL IC/DSP)
11		OUT	DSP/DELAY ST.	DSP IC Strobe for control (LA2785/LV1010)
12		OUT	SELECTOR ST.	Strobe for control selector IC
13		OUT	POWER RELAY	Power relay control H: POWER ON L: POWER OFF
14		OUT	SPEAKER B RELAY	Speaker B relay control H: SP B ON L: SP B OFF
15		OUT	SPEAKER A RELAY	Speaker A relay control H: SP A ON L: SP A OFF
16		OUT	SPEAKER S RELAY	Surround speaker relay control H: SP S ON L: SP S OFF
17		IN	RESET	Microprocessor reset
18		OUT	4/8 CHANGE OVER RELAY	TAP control (KR-V6060 only) H: HIGH TAP L: LOW TAP
19		OUT	VIDEO 1/2 SELECTOR	VIDEO Selector H: VIDEO 2 L: VIDEO 1
20		-	AVss	A/D power supply(GND)
21		IN	CE	Microprocessor CE
22		OUT	TUNER MUTE	TUNER MUTE control H: MUTE OFF L: MUTE ON
23		IN	STEREO	Stereo signal detection H: MONORAL L: STEREO
24		IN	SIGNAL DETECT	Synchronized signal detection H: NO TUNED L: TUNED
25		IN	IF COUNT(PLL)	IF COUNT Data (PLL DO)
26		OUT	CE(PLL)	PLL CE
*27	$\mu$ PD78043GF	OUT	YM7128(DATA)	DSP IC Data for control
*27	$\mu$ PD78044GF	OUT	ATT(RDS)	Atineter control
*28	$\mu$ PD78043GF	OUT	YM7128(CLK)	DSP IC Clock for control
*28	$\mu$ PD78044GF	OUT	SIGNAL LEVEL(RDS)	SIGNAL LEVEL (A/D)
29		-	AVdd	A/D Power supply
30		-	AVref	A/D Reference voltage (+5V)
31		IN	PROTECT	Protection detection H: PROTECTION L: NORMAL
32		-	OPEN	
33		-	Vss	Microprocessor power supply(GND)
34		IN	X1	4.19 MHz Oscillator
35		OUT	X2	4.19 MHz Oscillator
36		IN	ENC_B	Encoder input B
37		IN	ENC_A	Encoder input A
38		OUT	VOLUME LED	VOLUME LED control H: LED OFF L: LED ON
39		OUT	VOLUME UP	MOTOR VOLUME control (UP)
40		OUT	VOLUME DOWN	MOTOR VOLUME control (DOWN)
41		I/O	S.DATA	8 bit system DATA

# KR-694/V5560/V6060

## CIRCUIT DESCRIPTION

For pin numbers marked by an asterisk(\*) the upper row is  $\mu$ PD78043GF and the lower ( ) row is  $\mu$ PD78044GF.

Pin No.	$\mu$ -Com No.	Port I/O	Name	Description
42		I/O	S.BUSY	8 bit system BUSY
*43	$\mu$ PD78043GF	OUT	YM7128(ST.)	DSP IC Strobe for control
*43	$\mu$ PD78044GF	OUT	RES(RDS)	RDS Reset
*44	$\mu$ PD78043GF	OUT	4053 P/D L	TC4053 Control pin
*44	$\mu$ PD78044GF	OUT	CLK(RDS)	RDS Clock
*45	$\mu$ PD78043GF	OUT	4053 INH	TC4053 Control pin
*45	$\mu$ PD78044GF	OUT	DATA(RDS)	RDS Data
*46	$\mu$ PD78043GF	OUT	DSP(LED)	DSP LED Control H: LED ON L: LED OFF
*46	$\mu$ PD78044GF	OUT	START(RDS)	RDS Start
47		IN	REMOCON	Remote control input
48		-	GND	
49		OUT	STAND-BY(LED)	STAND-BY LED Control H: LED OFF L: LED ON
50		OUT	DSP LOGIC(LED)	DSP LOGIC LED Control H: LED OFF L: LED ON
51		OUT	D MUTE	DATA MUTE
52		-	Vdd	Microprocessor power supply
53		OUT	MUTE	Selector MUTE control H: MUTE OFF L: MUTE ON
54		IN	4/8 SELECTOR IN	Speaker impedance changeover H: 4 $\Omega$ L: 8 $\Omega$
55		IN	KEY RETURN 4	Key return 4
56		IN	KEY RETURN 3	Key return 3
57		IN	KEY RETURN 2	Key return 2
58		IN	KEY RETURN 1	key return 1
59		IN	KEY RETURN 0	Key return 0
60		OUT	SEGMENT 16	FL Segment 16/key scan 8
61		OUT	SEGMENT 15	FL Segment 15/key scan 7
62		OUT	SEGMENT 14	FL Segment 14/key scan 6
63		OUT	SEGMENT 13	FL Segment 13/key scan 5
64		OUT	SEGMENT 12	FL Segment 12/key scan 4
65		OUT	SEGMENT 11	FL Segment 11/key scan 3
66		OUT	SEGMENT 10	FL Segment 10/key scan 2
67		OUT	SEGMENT 9	FL Segment 9/key scan 1
68		OUT	SEGMENT 8	FL Segment 8/key scan 0
69		OUT	SEGMENT 1	FL Segment 1
70		OUT	SEGMENT 2	FL Segment 2
71		-	Vload	FL Driver power supply( - 30V)
72		OUT	SEGMENT 3	FL Segment 3
73		OUT	SEGMENT 4	FL Segment 4
74		OUT	SEGMENT 5	FL Segment 5
75		OUT	SEGMENT 6	FL Segment 6
76		OUT	SEGMENT 7	FL Segment 7
77		OUT	GRID 2	FL Grid 2
78		OUT	GRID 3	FL Grid 3
79		OUT	GRID 4	FL Grid 4
80		OUT	GRID 5	FL Grid 5

# KR-694/V5560/V6060

## ADJUSTMENT

[FM,AM SECTION : E,T Type ONLY]

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINT	ALIGN FOR	FIG.
<b>FM SECTION</b> <b>SELECTOR : FM</b>							
1	DISCRIMINATOR	(A) 98.0MHz 1kHz, $\pm 75$ kHz dev 60dB $\mu$ (ANT input)	Connect a DC voltmeter between TP3 and TP4.	AUTO or MONO 98.0MHz	L3 (X05-)  L4 (X05-)	0V  Minimum distortion	(a)
2	DISTORTION (STEREO)	(C) 98.0MHz 1kHz, $\pm 68.25$ kHz dev Selector: L or R Pilot : $\pm 6.75$ kHz dev 60dB $\mu$ (ANT input)	(B)	98.0MHz	IFT (W02-)	Minimum distortion. (L or R)	
3	SEPARATION	(C) 98.0MHz Stereo signal 60dB $\mu$ (ANT input)	(B)	AUTO 98.0MHz	VR3 (X05-)	Minimum crosstalk	
4	TUNING LEVEL	(A) 98.0MHz 0dev 14dB $\mu$ (ANT input)75 $\Omega$ 18dB $\mu$ (ANT input)30 $\Omega$	(B)	AUTO or MONO 98.0MHz	VR1 (X05-)	Adjust VR1 and stop at the point where ED1(TUNED) goes on.	
<b>AM SECTION</b> <b>SELECTOR : AM</b>							
(1)	TUNING LEVEL	(D) 1008kHz 20dB $\mu$ (ANT input)	(B)	1008kHz	VR2 (X05-)	Adjust VR2 and stop at the point where ED1(TUNED) goes on.	

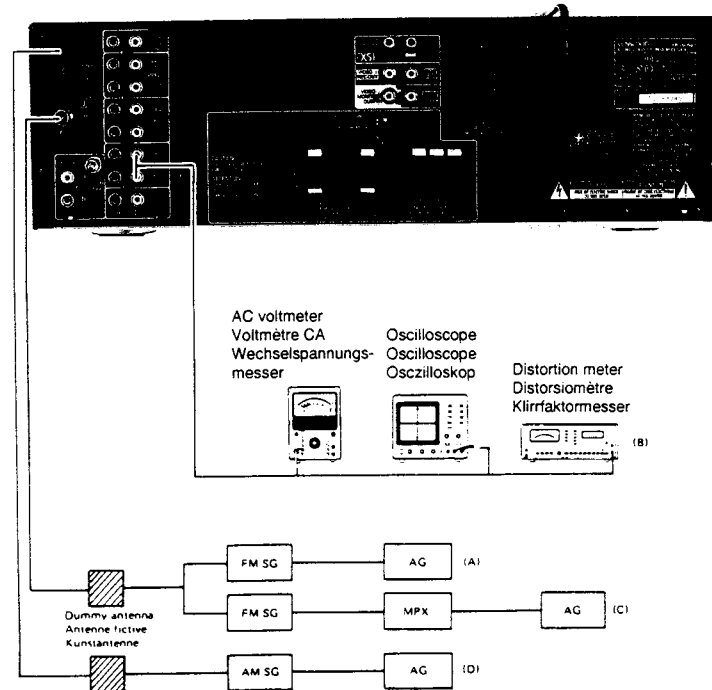
[COMMON]

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	AMPLIFIER SETTINGS	ALIGNMENT POINT	ALIGN FOR	FIG.
<b>AUDIO SECTION</b>							
< 1 >	IDLE CURRENT	-	(E) Connect a DC voltmeter across CP1(L) CP2(R) CP3(CENTER) CP4(REAR)	Volume:0	VR1(L) VR2(R) VR3(CENTER) VR4(REAR)  (X07-)	22mV	(b)
<b>POWER : ON</b> <b>SELECTOR : CD(NO SIGNAL)</b> <b>SURROUND : PRO LOGIC</b>							
< 2 >	PRO LOGIC S-OUT NOISE LEVEL	Short between TP6 and TP7 (B/5), between TP10 and TP11 (E/5).  (X09-)	Connect a oscilloscope at Rear sp L or R. (Connect load with Rear sp L or R.)	Volume:MAX  REAR LEVEL:MAX	VR3  (X09-)(E/5)	Minimum noise level (fig. © point of (c).	(c)

# KR-694/V5560/V6060

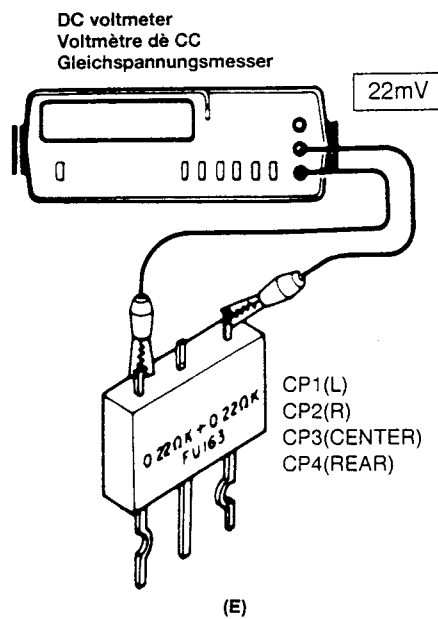
## ADJUSTMENT

(a)



(b)

System connections/Reccordements du système/System-Anschlusse

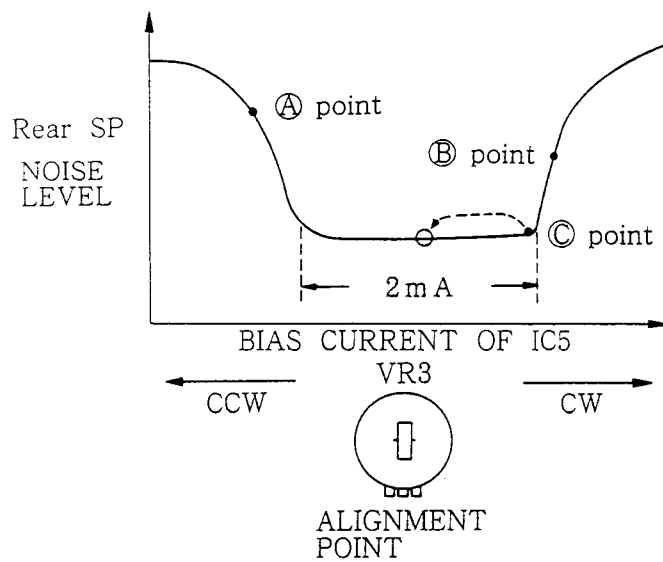




# KR-694/V5560/V6060

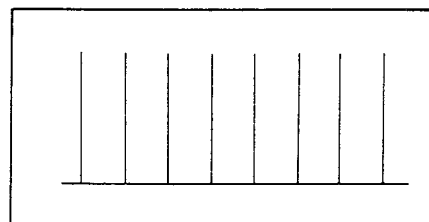
## ADJUSTMENT

(c)

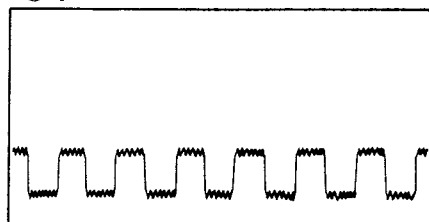


[Procedure]

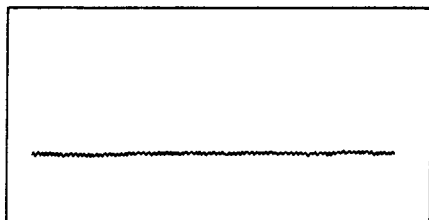
1) A point



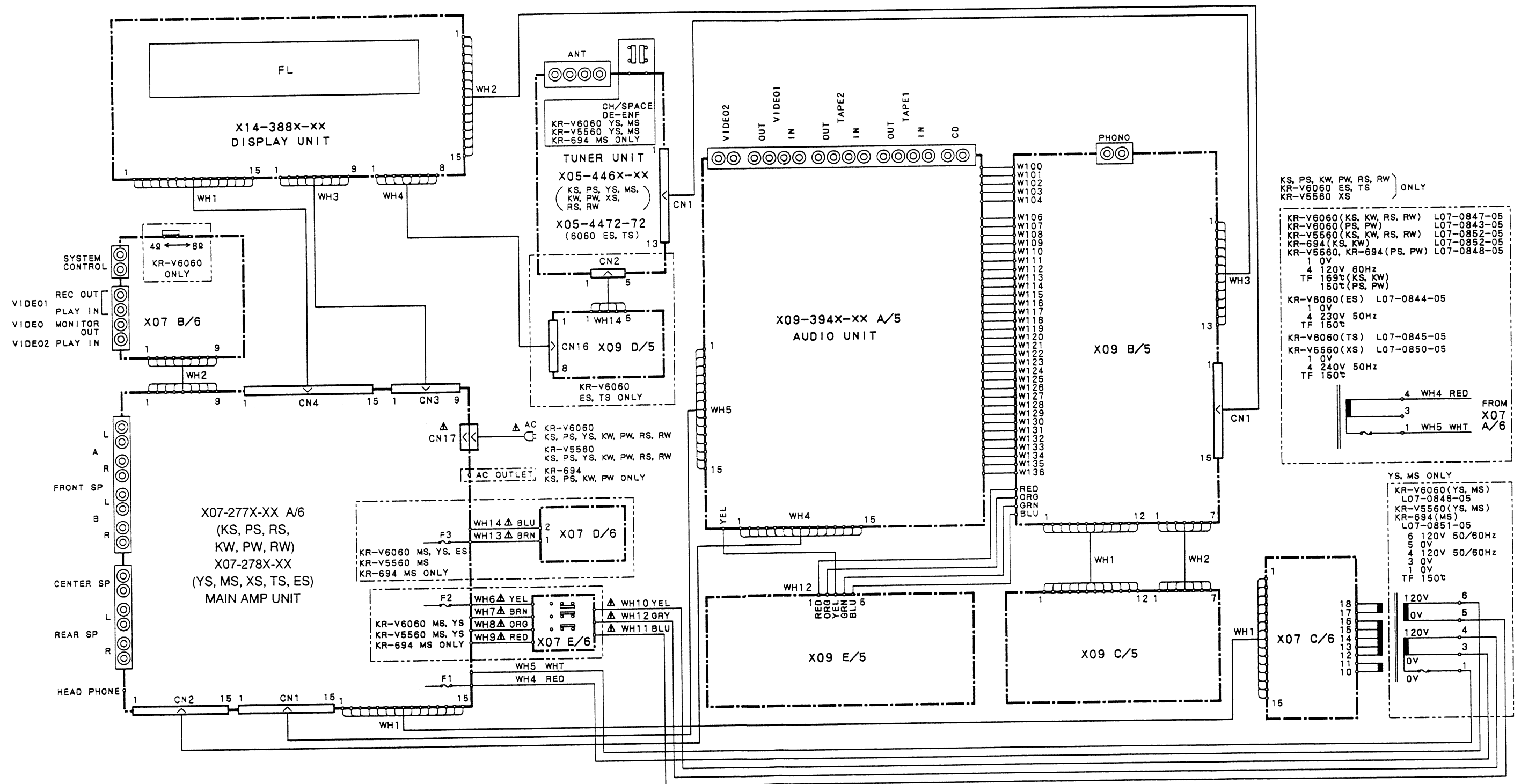
2) B point



3) C point (Minimum noise level)



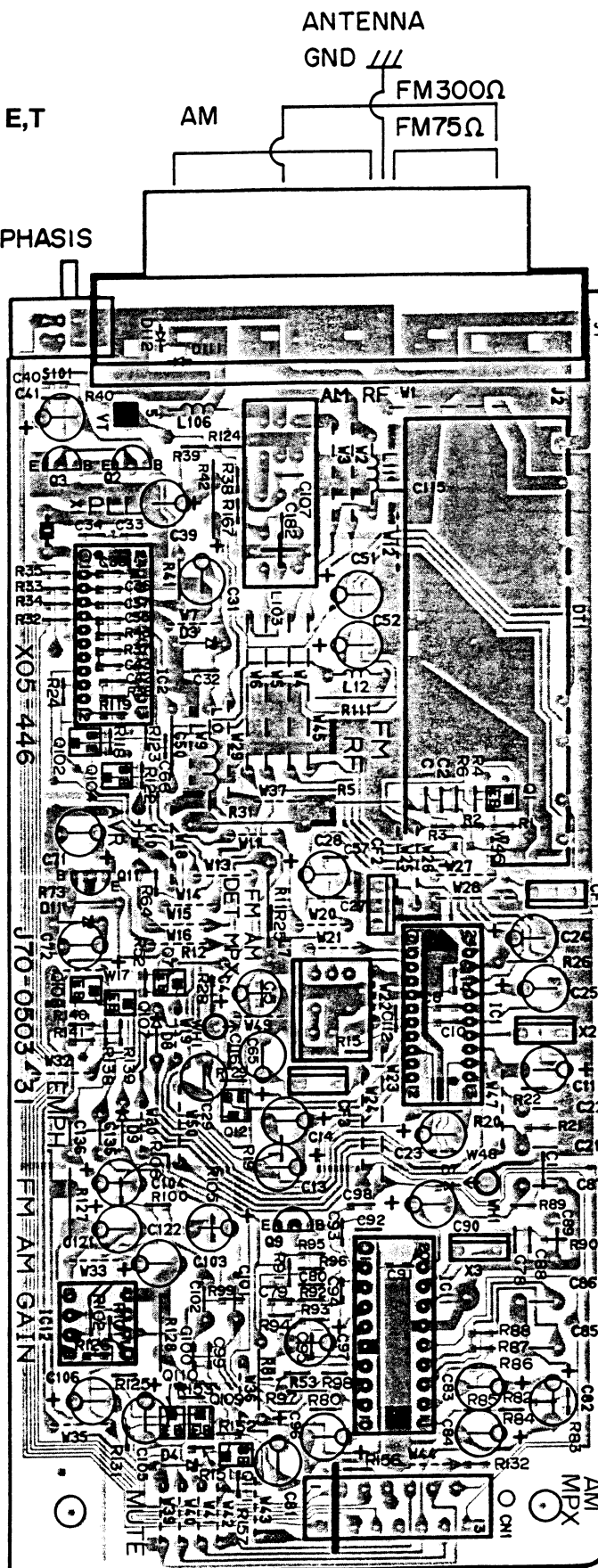
# KR-694/V5560/V6060      KR-694/V5560/V6060 WIRING DIAGRAM



# PC BOARD (Component side view)

TUNER UNIT(X05-446X-XX) : Except E,T

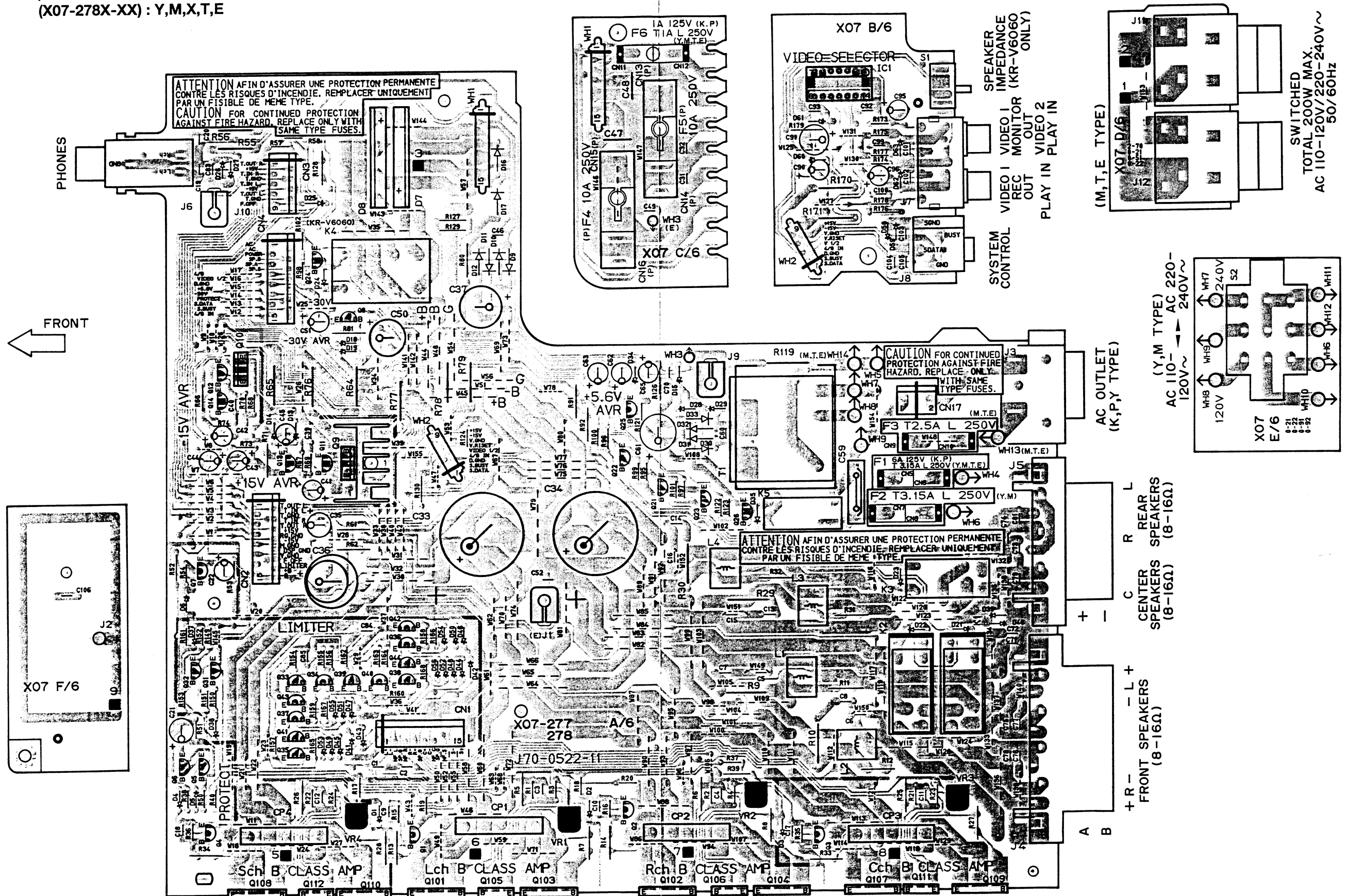
DE - EMPHASIS





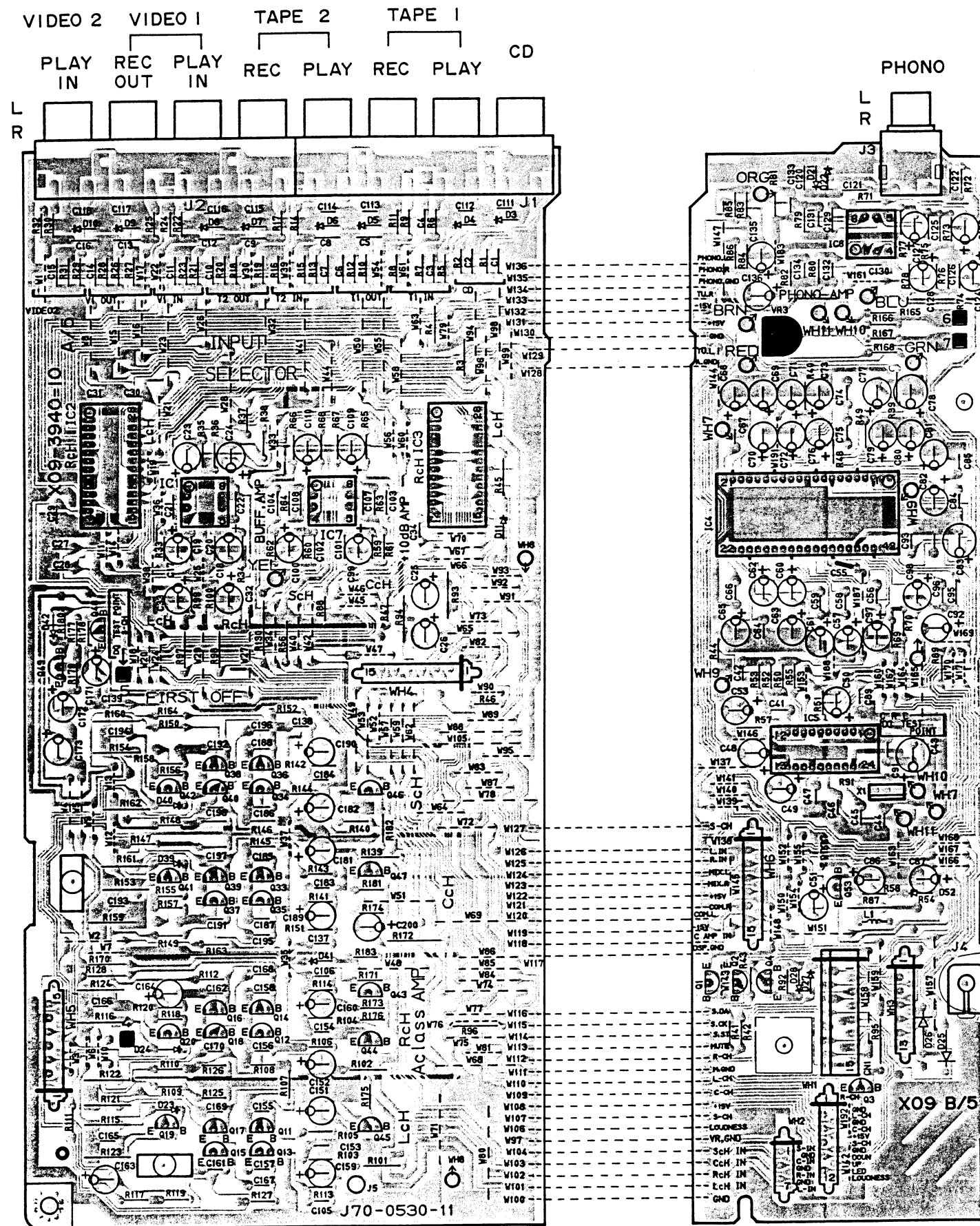
# PC BOARD (Component side view)

MAIN AMP UNIT(X07-277X-XX) : K,P,R  
(X07-278X-XX) : Y,M,X,T,E

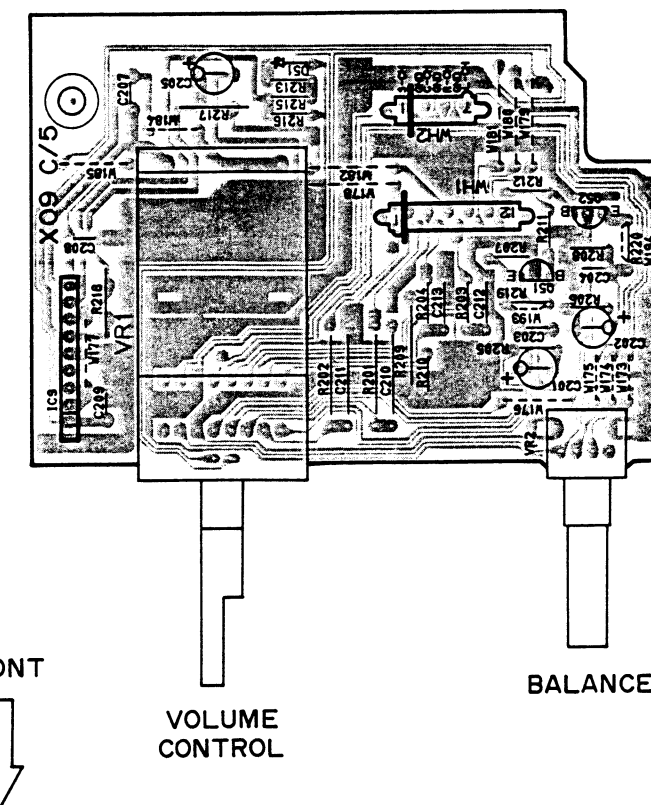
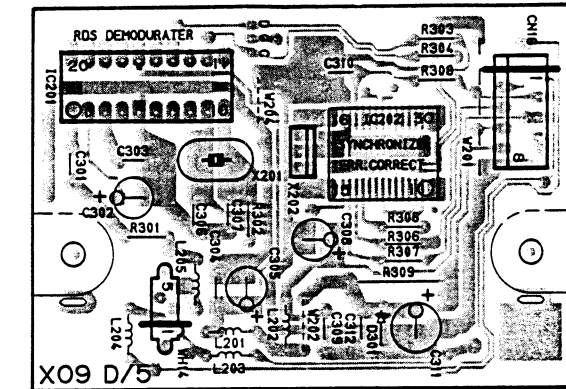




## AUDIO UNIT(X09-394X-XX)

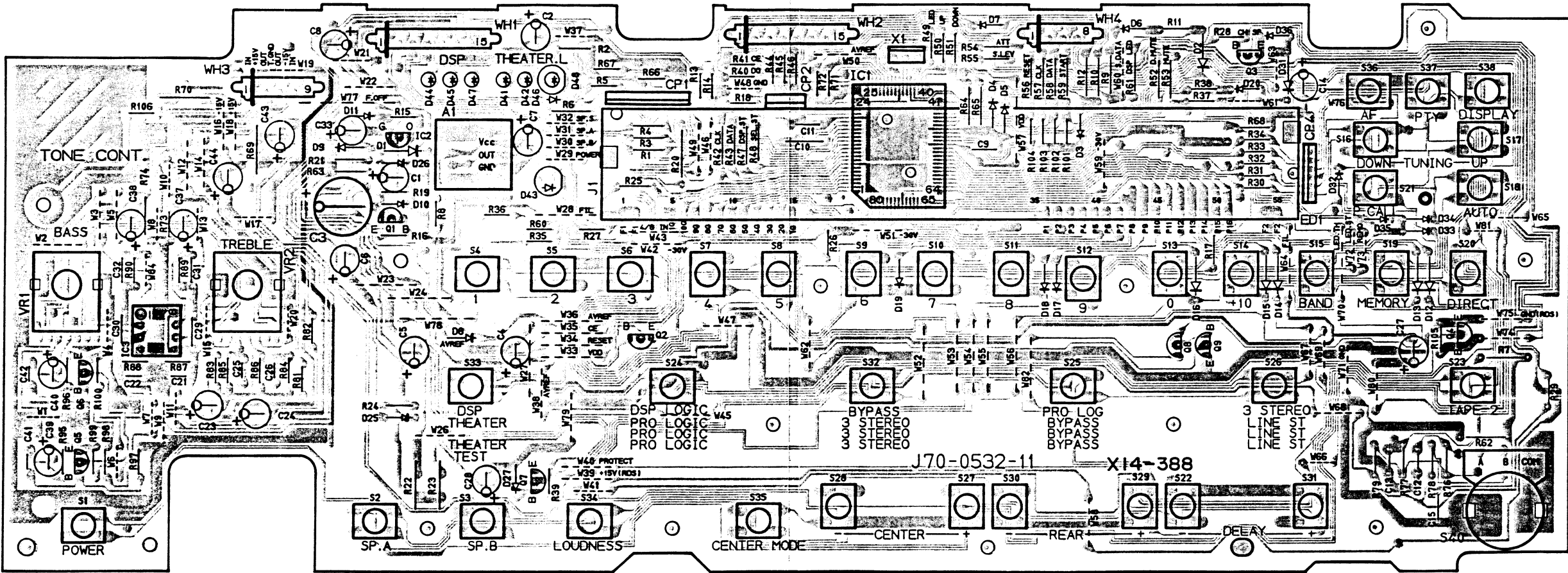


RDS UNIT  
KR-V 6060 E,T TYPE ONLY



# PC BOARD (Component side view)

DISPLAY UNIT(X14-388X-XX)

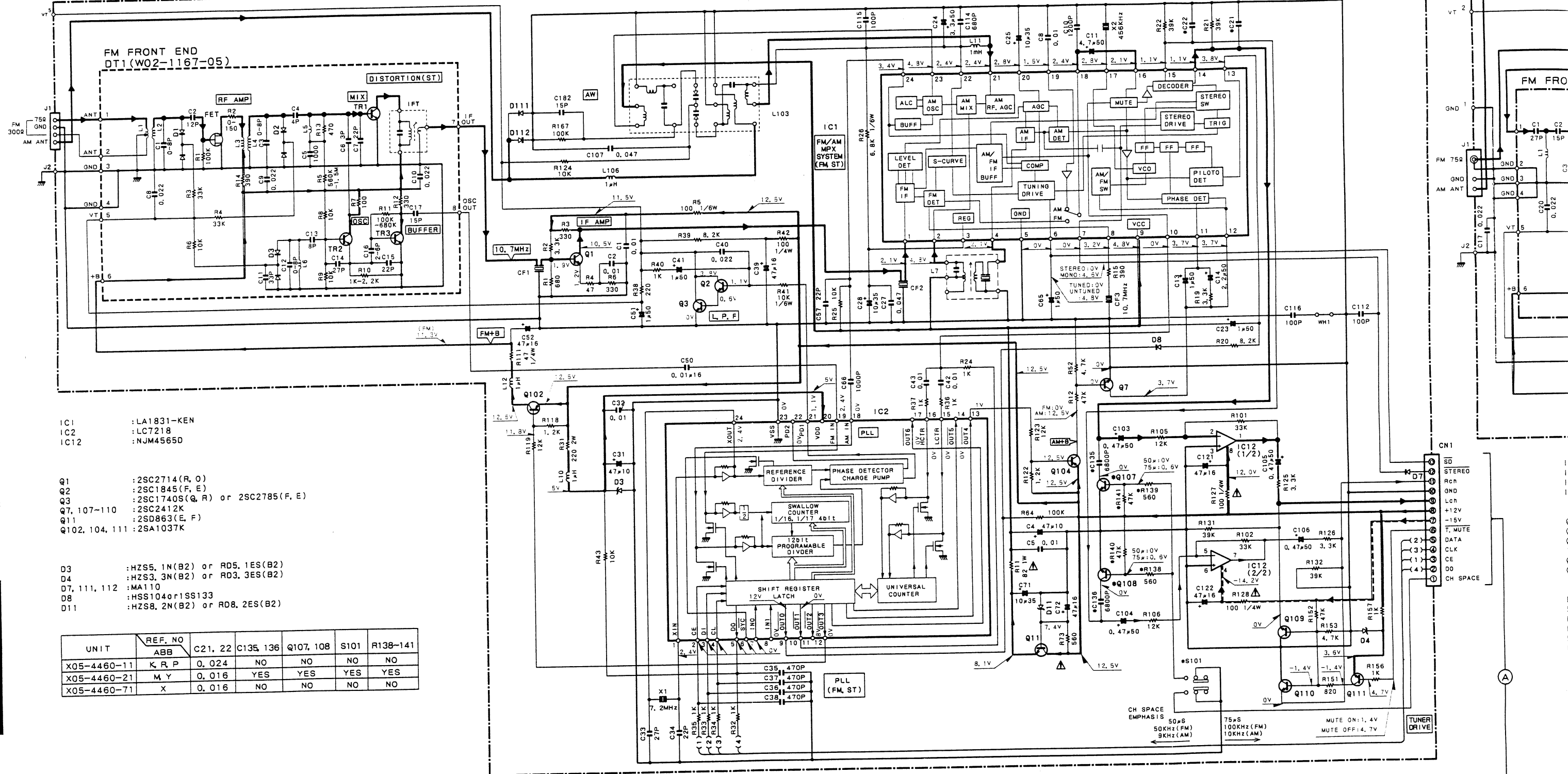


INPUT  
SELECTOR

FRONT

X05-4460-11(K, R, P) X05-4460-71(X) X05-4460-21(M, Y)

X05-4472-72 (







V

W

X

Y

Z

AA

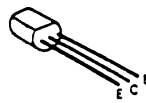
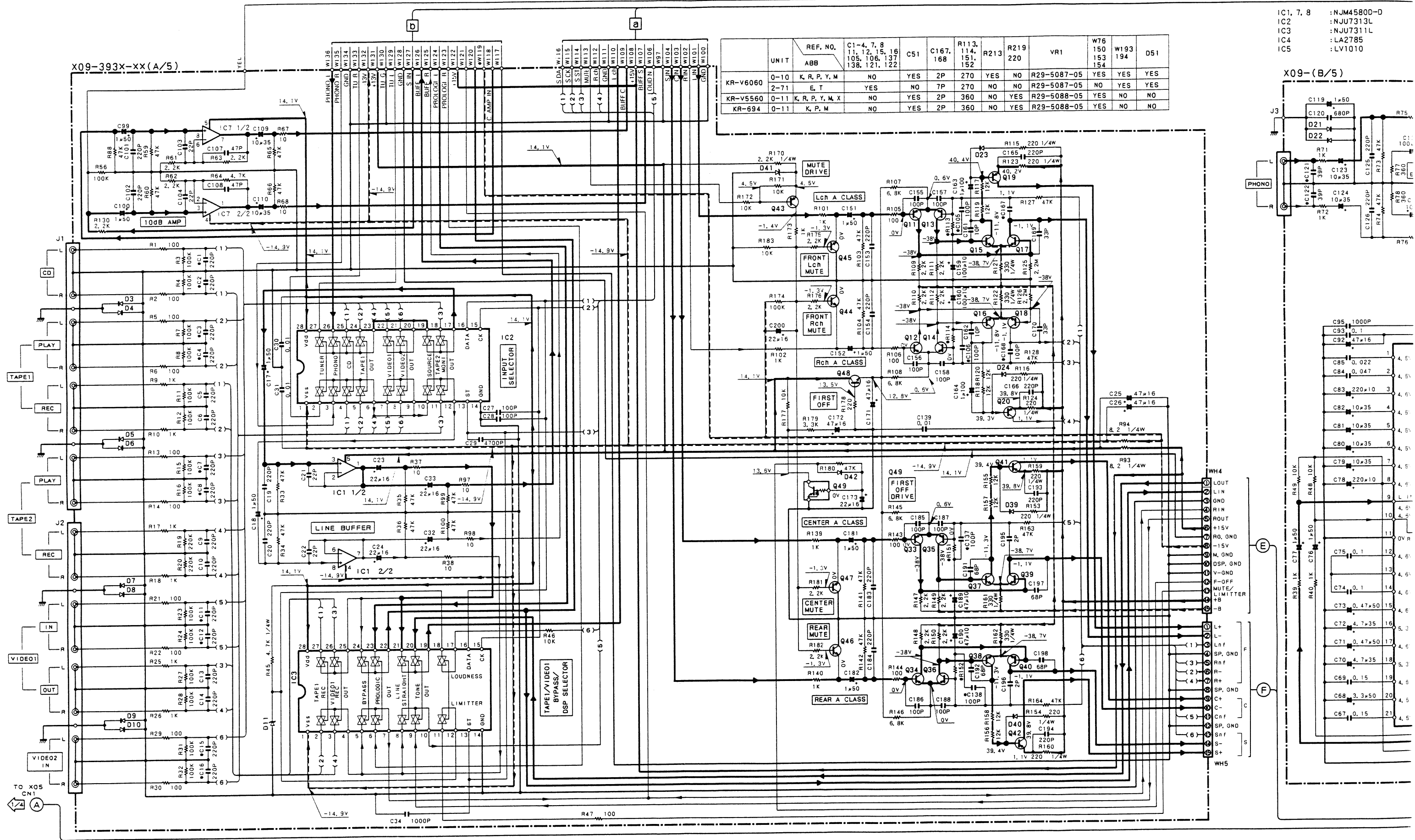
AB

AC

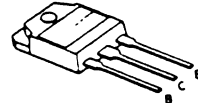
AD

AE

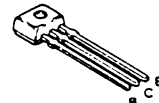
AF



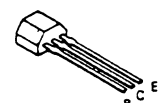
2SA1123 2SC2003  
 2SA1534A 2SC2631  
 2SA992 2SC2878  
 2SC1845 2SC3940A  
 2SD863



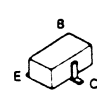
2SB1493BT



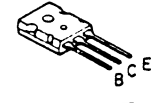
2SA1175



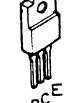
DTA124ES  
 DTC124ES  
 UN4112  
 2SA933S  
 2SC1740S



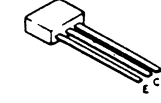
2SA1037K  
 2SC2412K  
 2SC2714



2SB1470BT  
 2SD2222BT



2SD2061



UN4212



2SD2012  
 2SD2374



NJM4565D



NJM2275

AB

AC

AD

AE

AF

AG

AH

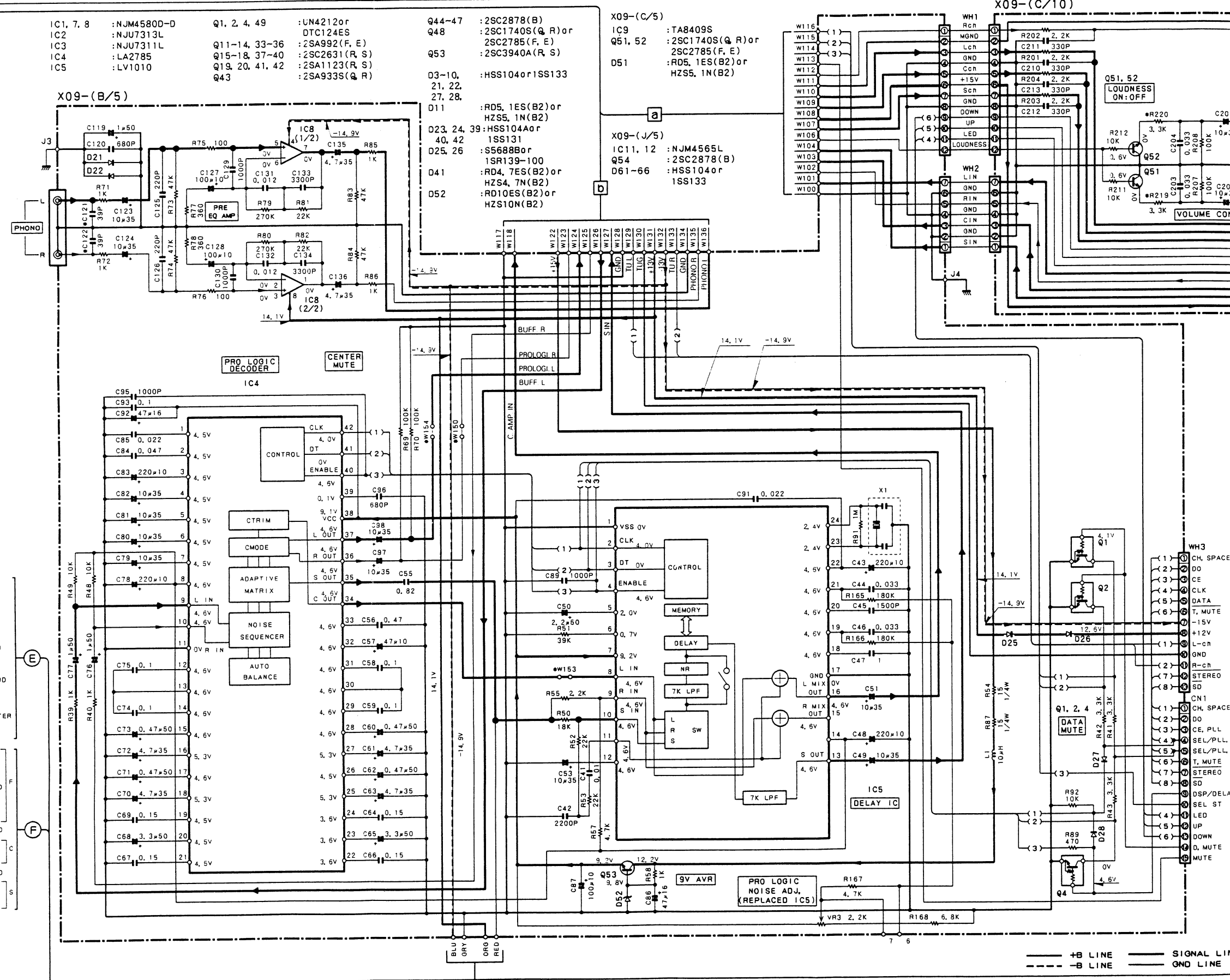
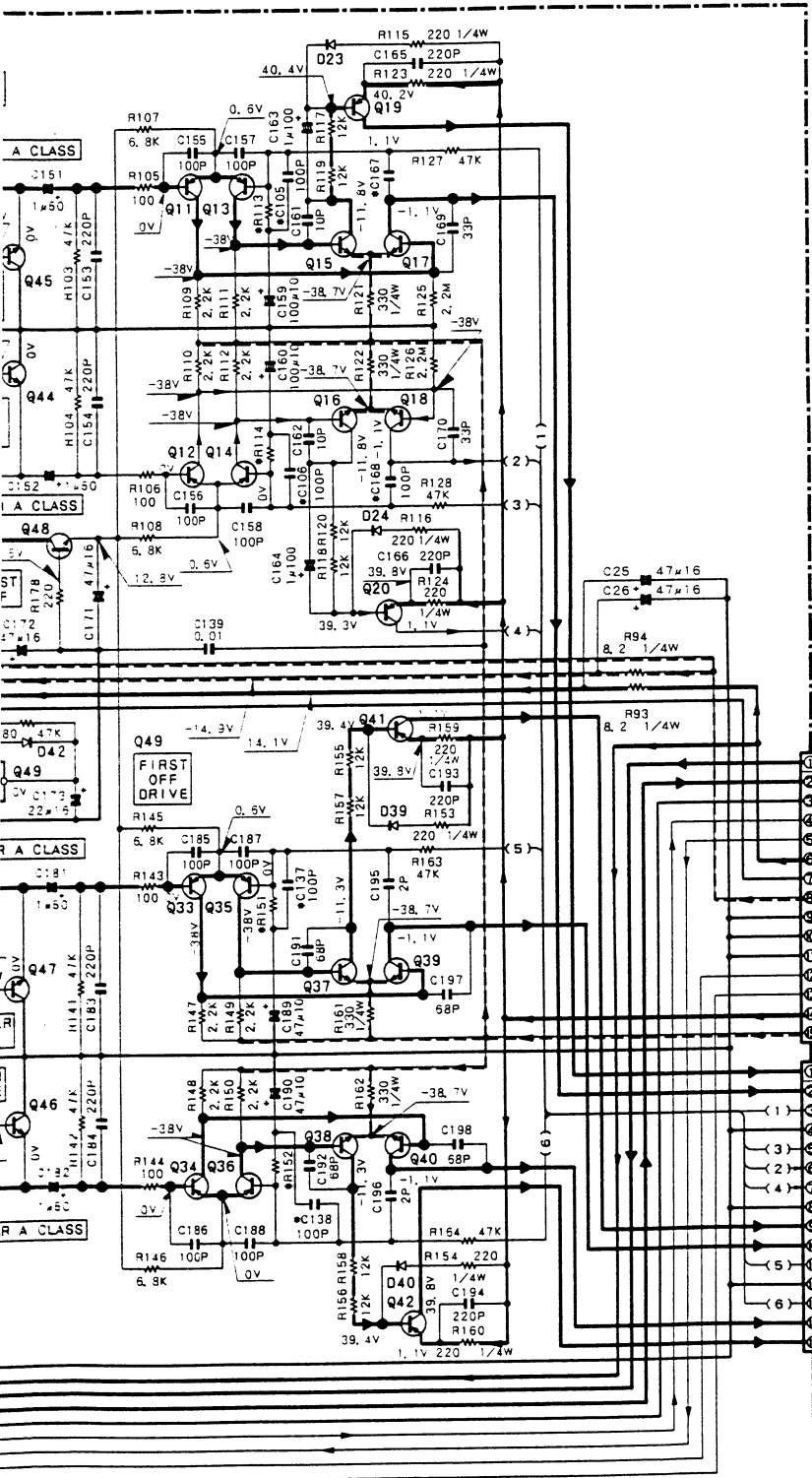
AI

AJ

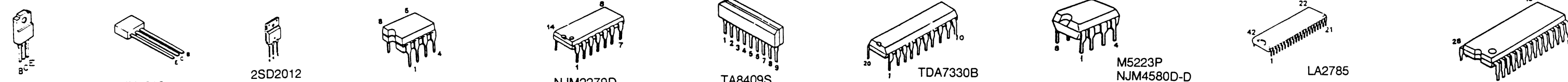
AK

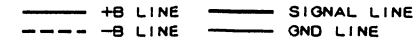
AL

	C1-4, 7, 8 11, 12, 15, 16 105, 106, 137 138, 121, 122	C51	C167, 168	R113, 114, 151, 152	R213	R219 220	VR1	W76 150 153 154	W193 194	D51
M	NO	YES	2P	270	YES	NO	R29-5087-05	YES	YES	YES
M	YES	NO	7P	270	NO	NO	R29-5087-05	NO	YES	YES
M	NO	YES	2P	360	NO	YES	R29-5088-05	YES	NO	NO
M	NO	YES	2P	360	NO	YES	R29-5088-05	YES	NO	NO



— +B LINE — SIGNAL LINE  
— -B LINE — GND LINE

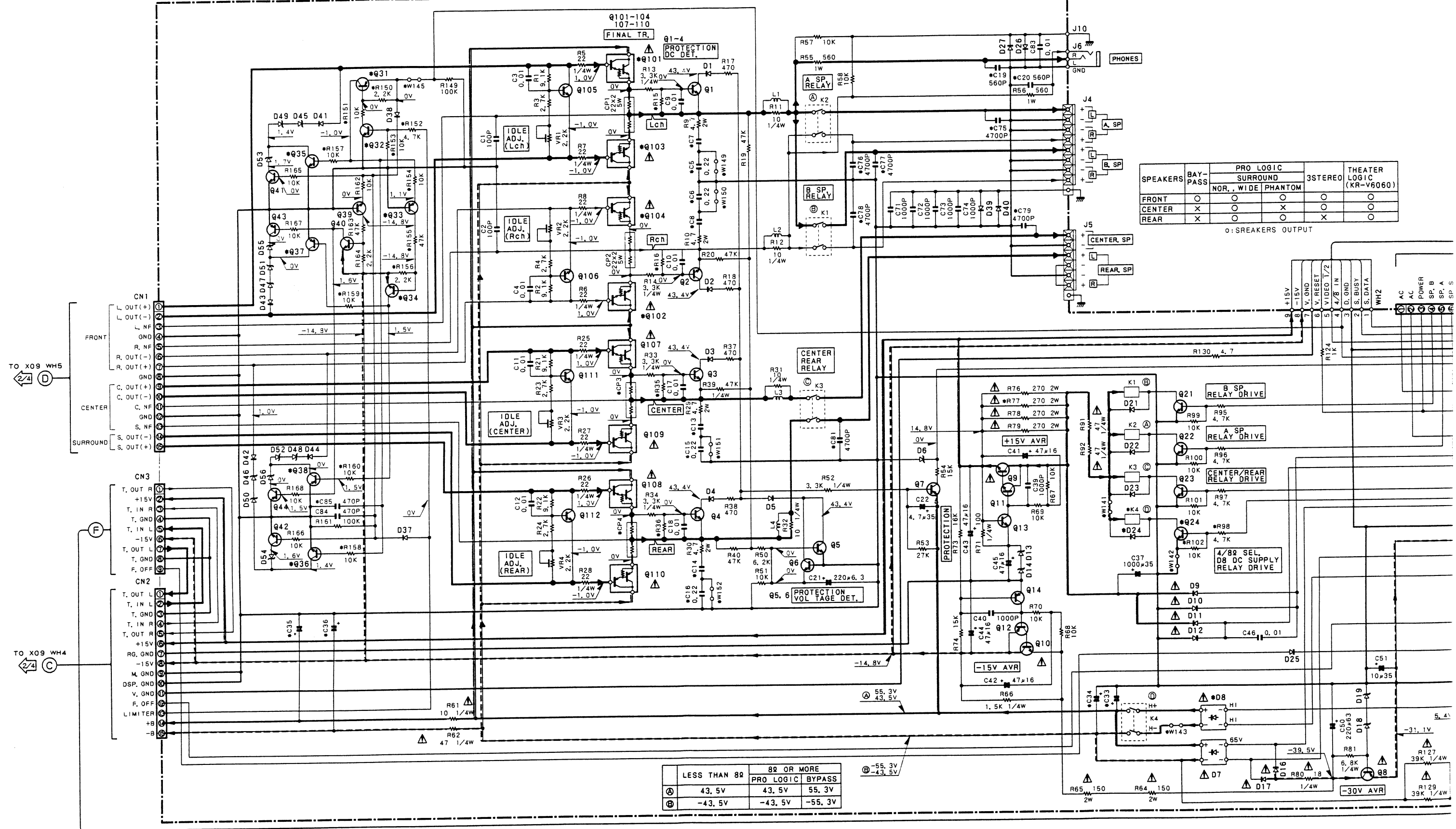




KENWOOD

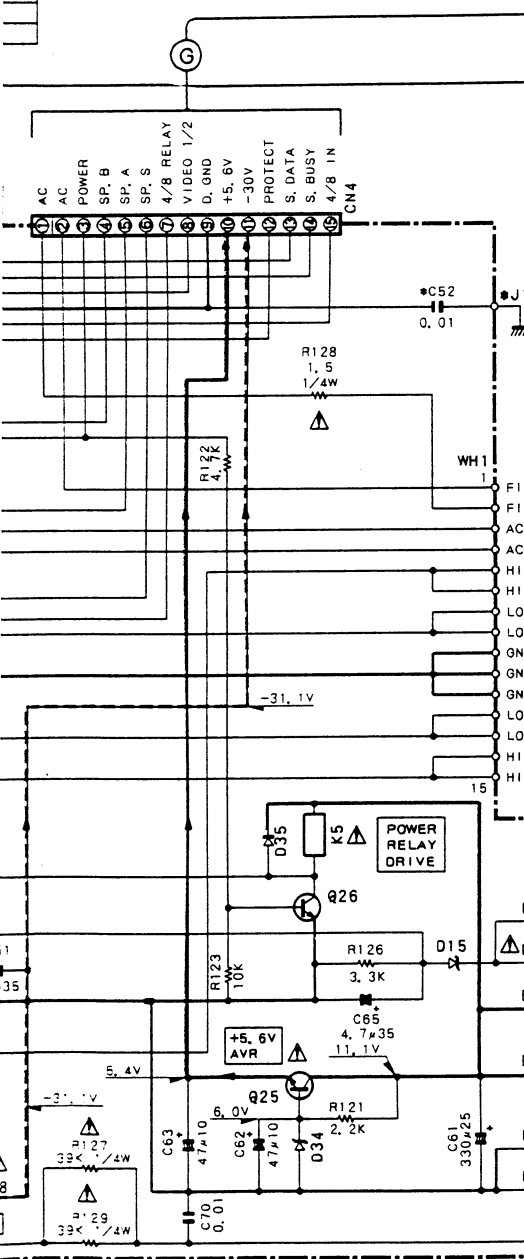


X07-277X-XX (A/6) X07-278X-XX (A/6)



Ref. NO.	DESTINATION	CN7, 8 S2	CN9, 10	Q24, 31-38	Q8, 24	C7, 8, 13, 14	C5, 6 15, 16	W149- 152	C19, 20	C33, 34	C35	C36	C47, 48 85	C49, 52, 75-79 81	R15, 16	R35, 36	R77	R98, 152	R102, 151, 153 154, 157-160	R119	R150, 156	R155	R179	CP3, 4	J1	J3	J11, 12	K4	S1	Q101, 102	Q103, 104
KR-V6060	X07-277	0-10 K, R	NO	NO		0.1 μ	NO	YES	NO					NO	910	680	NO		YES	3.3M 1/2W	YES	YES	YES	0.33x2 5W	NO	YES	NO	YES	YES	2SD2222BT	2SB1470BT
	1-01 P					0.22 μ	YES	NO						YES			YES								YES	NO	YES	YES	YES		
	2-70 E		YES	YES					YES	6800 μ71	10 μ100	330 μ100	YES							NO					NO	YES	NO	YES	YES		
	0-21 M							YES	NO					NO			NO			3.3M 1/2W					NO	YES	NO	YES	YES		
KR-V5560	X07-277	0-11 K, R	NO	NO		0.1 μ	NO	YES	NO	6800 μ63	10 μ63	330 μ63	NO	NO	1.1K	1.1K	NO	NO	NO	3.3M 1/2W	NO	NO	NO	0.22x2 5W	NO	YES	NO	NO	NO	2SD2255BT	2SB1493BT
	1-02 P																								YES	NO	YES	YES	YES		
	0-22 M		YES	YES																NO					NO	YES	NO	YES	YES		
	2-92 Y																								YES	NO	YES	YES	YES		
KR-694	X07-277	0-11 K, R	NO	NO		0.1 μ	NO	YES	NO	6800 μ63	10 μ63	330 μ63	NO	NO	1.1K	1.1K	NO	NO	NO	3.3M 1/2W	NO	NO	NO	0.22x2 5W	NO	YES	NO	NO	NO	2SD2255BT	2SB1493BT
	1-02 P																			NO					NO	YES	NO	YES	YES		

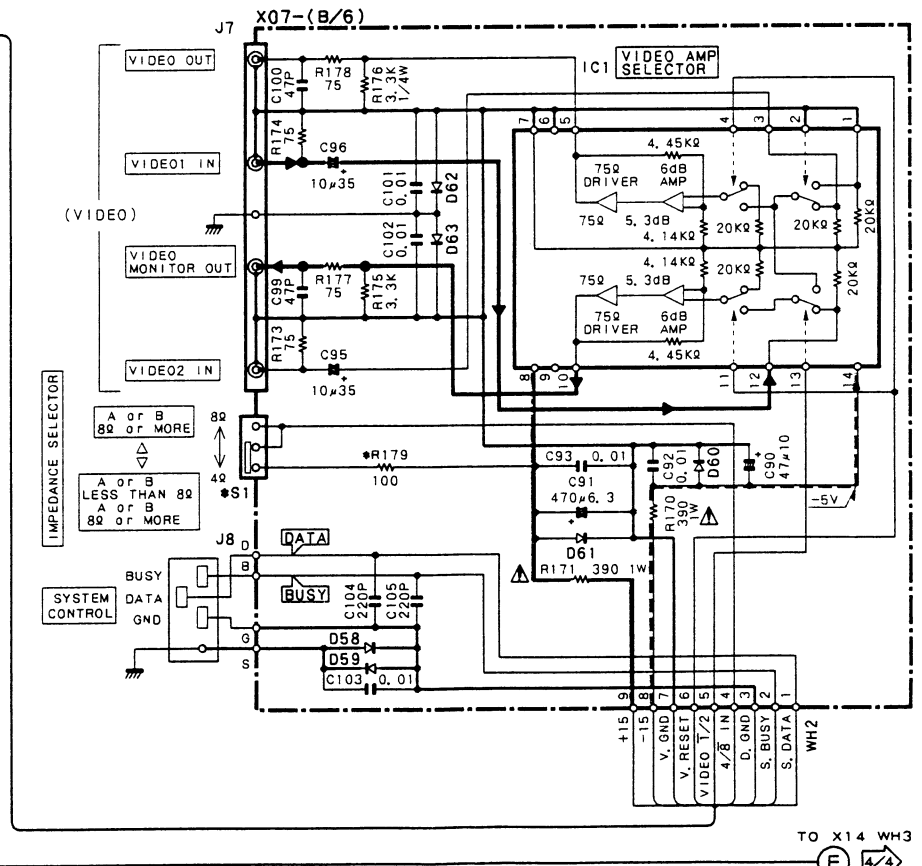
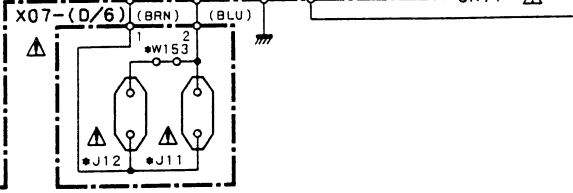
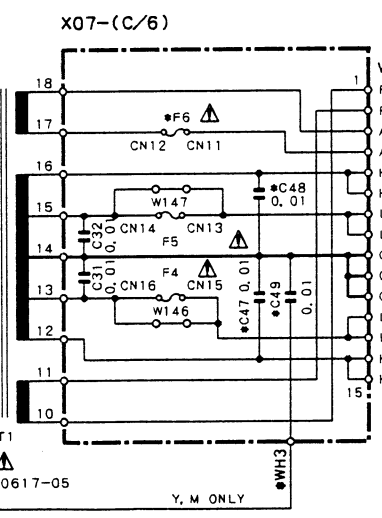
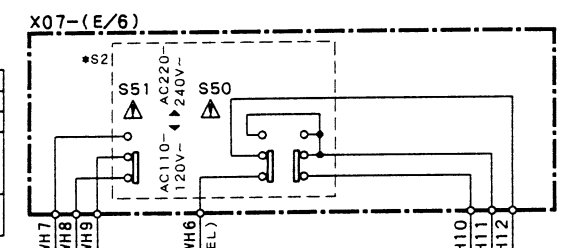
60)



IC1	: NJM2279D	D1-5, 28, 29	: HSS104A or ISS131
Q1-6, 35, 36	: 2SC1845 (F, E)	41-44	: RD5, 1ES (B2) or HZS5, 1N (B2)
41, 42		06, 53-56	: D5SBA20F03 or RBV-602LFA
Q7, 37, 38	: 2SA992 (F, E)	60, 61	: S5688B or 1SR139-100
43, 44		07, 8	: RD6, 2ES (B2) or HZS6, 2N (B2)
Q8	: 2SA1534A (R, S)	09-12, 16, 17	: RD8, 2ES (B2) or HZS8, 2N (B2)
Q9, 10	: 2SD2374 or 2SD2012 or 2SD2061	30-33	: RD2, 7ES (B2) or HZS2, 7N (B2)
Q11, 13, 21-24	: 2SC1740S (Q, R) or 2SC2785 (F, E)	D13, 34	: RD16ES (B2) or HZS16N (B2)
Q12, 14, 31	: 2SA933S (Q, R) or 2SA1175 (F, E)	D14	: HSS104 or ISS133
Q25	: 2SC3940A (R, S)	D15	: RD13ES (B2) or HZS13N (B2)
Q26	: 2SC2003 (L, K)	D18, 19	
Q101, 102	: *	D21-27, 35, 37-40	
Q103, 104	: *	58, 59, 62, 63	
Q105, 106	: 2SC4137F19 (V, W)	D45-52	
111, 112			
Q107, 108	: 2SD2255BT		

Ref. NO.	DESTINATION	WH3	WH6-12	WH13, 14	W141-143 145	W148	W153	W154	F1	F2	F3	F6
KR-V6060	X07-277	0-10 K, R	NO	NO	NO	YES	NO	YES	6A 125V	NO	NO	1A 250V
	1-01 P					NO	YES					
	2-70 E	YES		YES	YES	YES	NO					
	0-21 M		YES	NO		YES	NO					
KR-V5560	X07-278	0-21 M	NO	YES	NO	YES	YES		T3, 15A L 250V	T3, 15A L 250V	T2, 5A L 250V	T1A L 250V
	2-91 Y			NO		NO	YES					
	0-51 T		NO	YES		NO	YES					
	0-11 K, R		NO	NO	NO	YES	NO		6A 125V	NO	NO	1A 250V
KR-V694	X07-277	0-11 K, R	NO	NO	NO	YES	NO	YES	6A 250V	NO	NO	1A 250V
	1-02 P					NO	YES					
	0-22 M		YES	YES		NO	NO					
	X07-278	0-22 M	YES	YES		NO	YES		T3, 15A L 250V	T3, 15A L 250V	T2, 5A L 250V	T1A L 250V

CONNETER	WH2	WH3	WH4	WH5	WH6	WH7	WH8	WH9	WH10	WH11	WH12	WH13	WH14	WH15
4/8 LIMITER														
PIN NO.	4PIN	13PIN												
82 STEREO	LO	LO												
A+B SURROUND	LO	LO												
42 STEREO	HI	LO												
SURROUND	HI	HI												



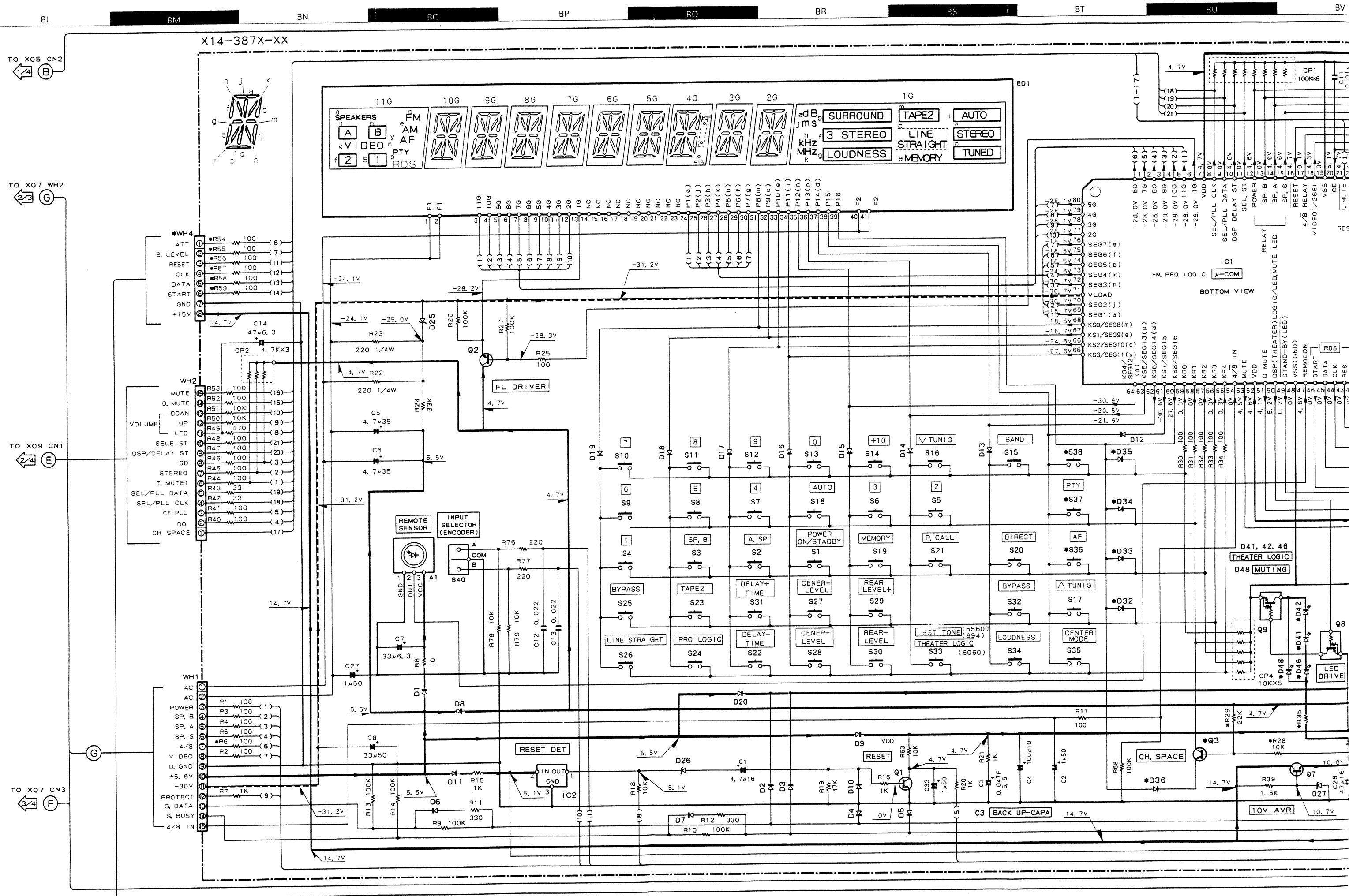
DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

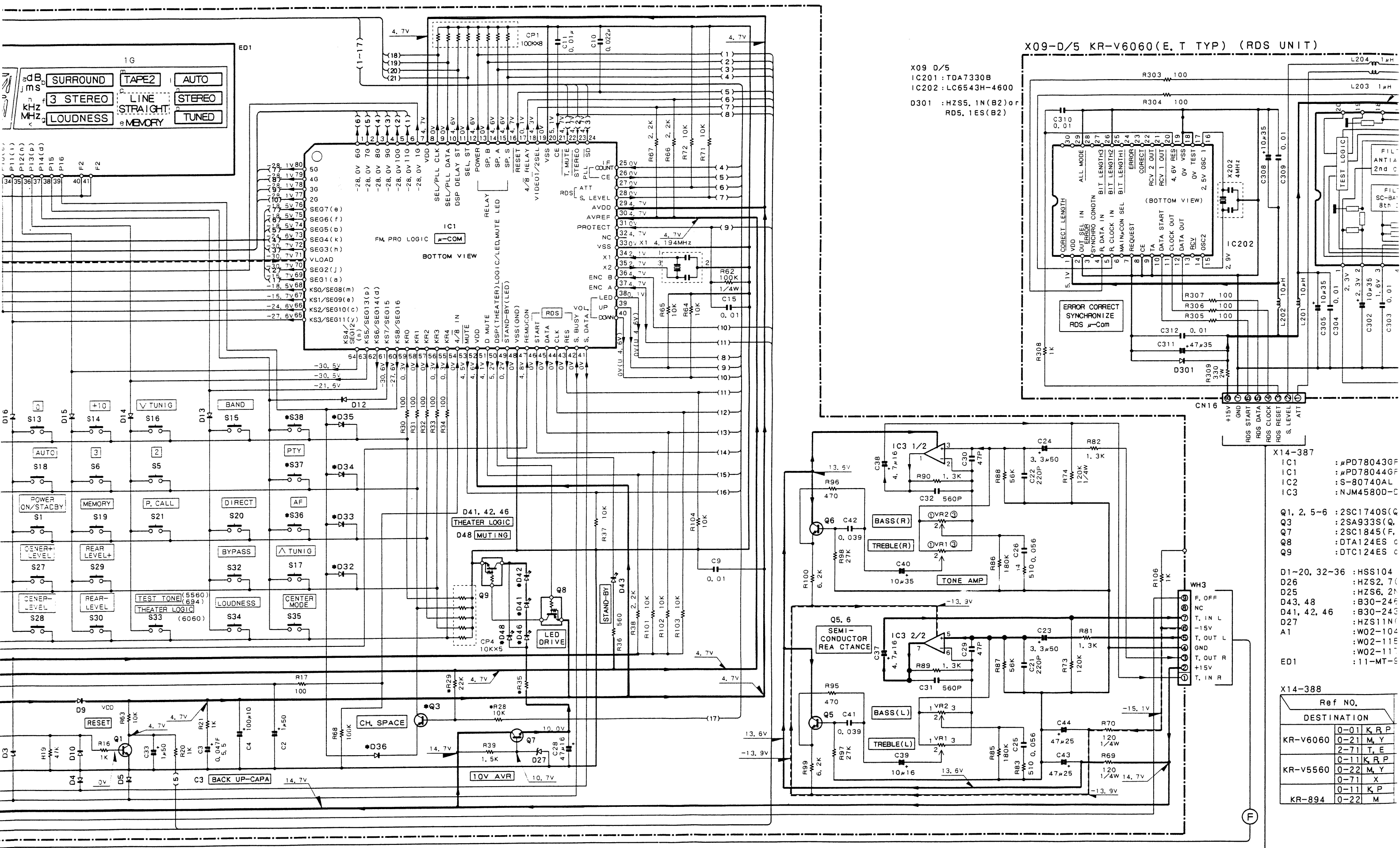
Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U.geringfügig.

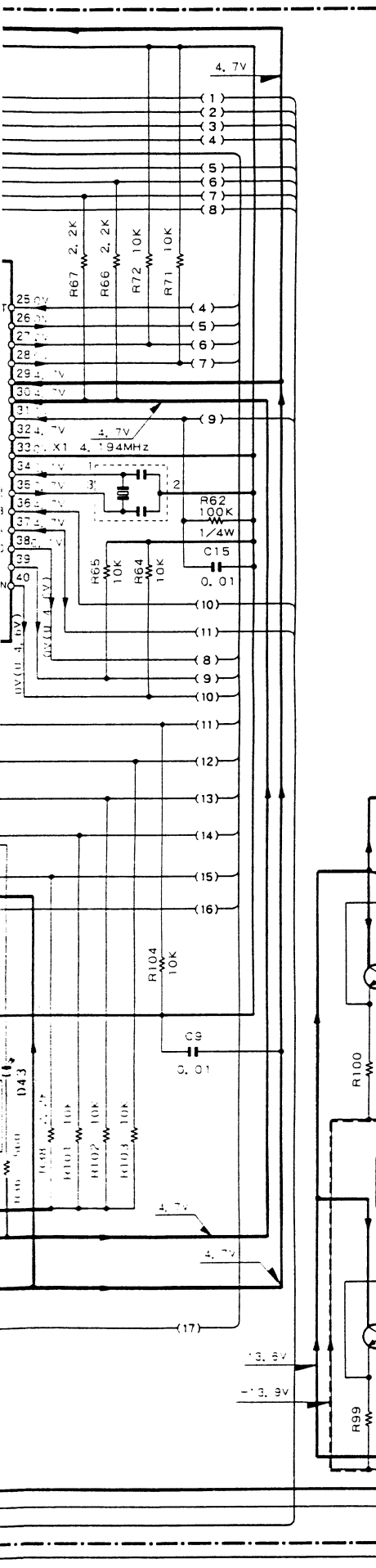
CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list) ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

— SIGNAL LINE  
— GND LINE  
— +B LINE  
— -B LINE



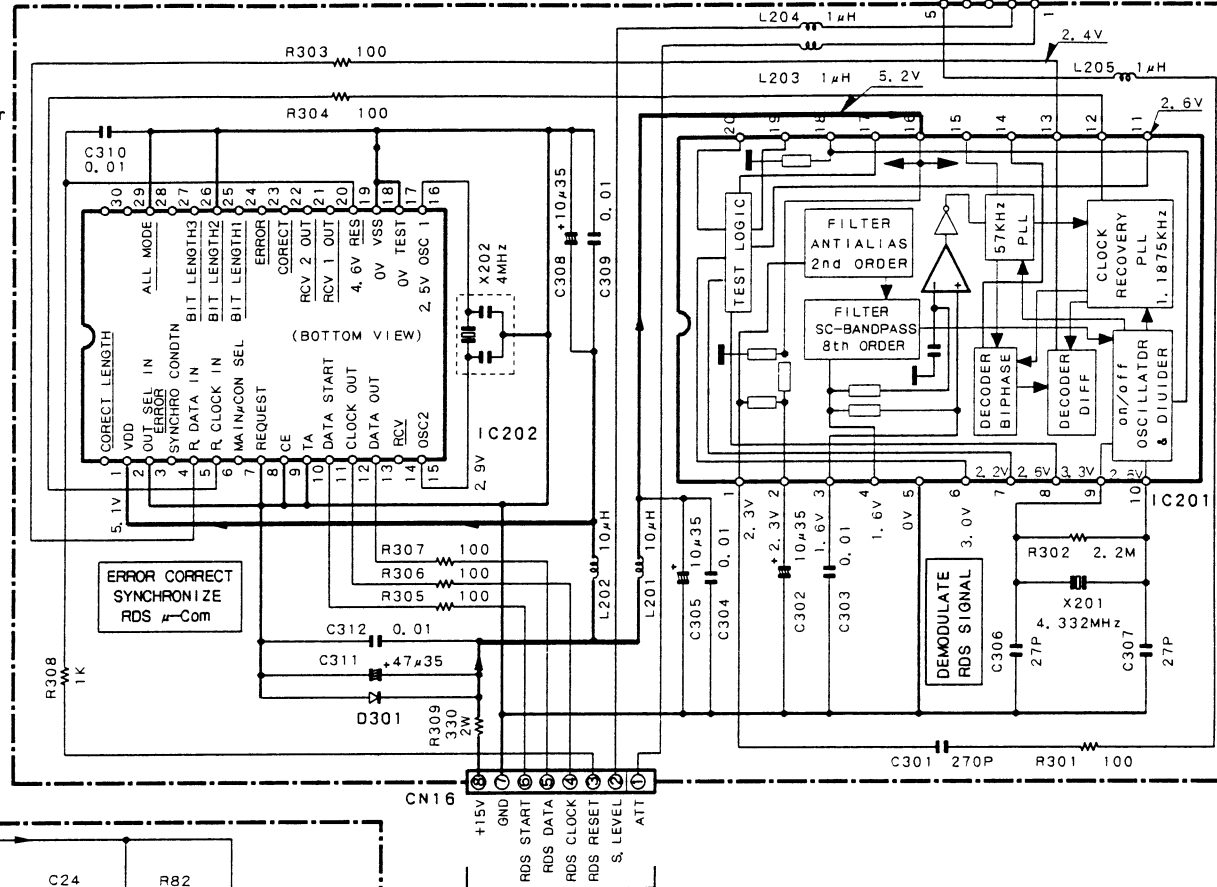






X09 D/5  
IC201 : TDA7330B  
IC202 : LC6543H-4600  
D301 : HZS5.1N(B2) or  
RD5.1ES(B2)

X09-D/5 KR-V6060(E, T TYP) (RDS UNIT)



- X14-387  
IC1 :  $\mu$ PD78043GF-073  
IC2 :  $\mu$ PD78044GF-075 (E, T TYPE)  
IC3 : S-80740AL  
IC4 : NJM4580D-D  
Q1, 2, 5-6 : 2SC1740S(Q, R) or 2SC2785(F, E)  
Q3 : 2SA933S(Q, R) or 2SA1175(F, E)  
Q7 : 2SC1845(F, E)  
Q8 : DTA124ES or UN4112  
Q9 : DTC124ES or UN4212  
D1-20, 32-36 : HSS104 or 1SS133  
D26 : HZS2.7(B2) or RD2.7ES(B2)  
D25 : HZS6.2N(B2) or RD6.2ES(B2)  
D43, 48 : B30-2461-05  
D41, 42, 46 : B30-2430-05  
D27 : HZS11N(B2) or RD11ES(B2)  
A1 : W02-1046-05  
W02-1153-05  
W02-1174-05  
ED1 : 11-MT-92GK

X14-388

Ref NO.	DESTINATION	R6	R28, R29	R35	R54 ~59	D32	D33	D34	D35	D36	D41, 42, 46	S36 ~38	WH4	Q3
KR-V6060	0-01 K, R, P	YES	YES	470	NO	YES	NO	NO	NO	NO	YES	NO	NO	NO
	0-21 M, Y	YES	YES	470	NO	YES	NO	NO	NO	NO	YES	YES	YES	YES
	2-71 T, E	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
KR-V5560	0-11 K, R, P	NO	YES	1.8K	NO	NO	NO	NO	NO	NO	NO	NO	YES	YES
	0-22 M, Y	NO	YES	1.8K	NO	NO	NO	NO	NO	NO	NO	NO	YES	YES
	0-71 X	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
KR-894	0-11 K, P	NO	NO	1.8K	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO
	0-22 M	YES	YES	1.8K	NO	NO	NO	NO	NO	NO	YES	YES	YES	YES

SIGNAL LINE  
GND LINE  
+B LINE  
-B LINE

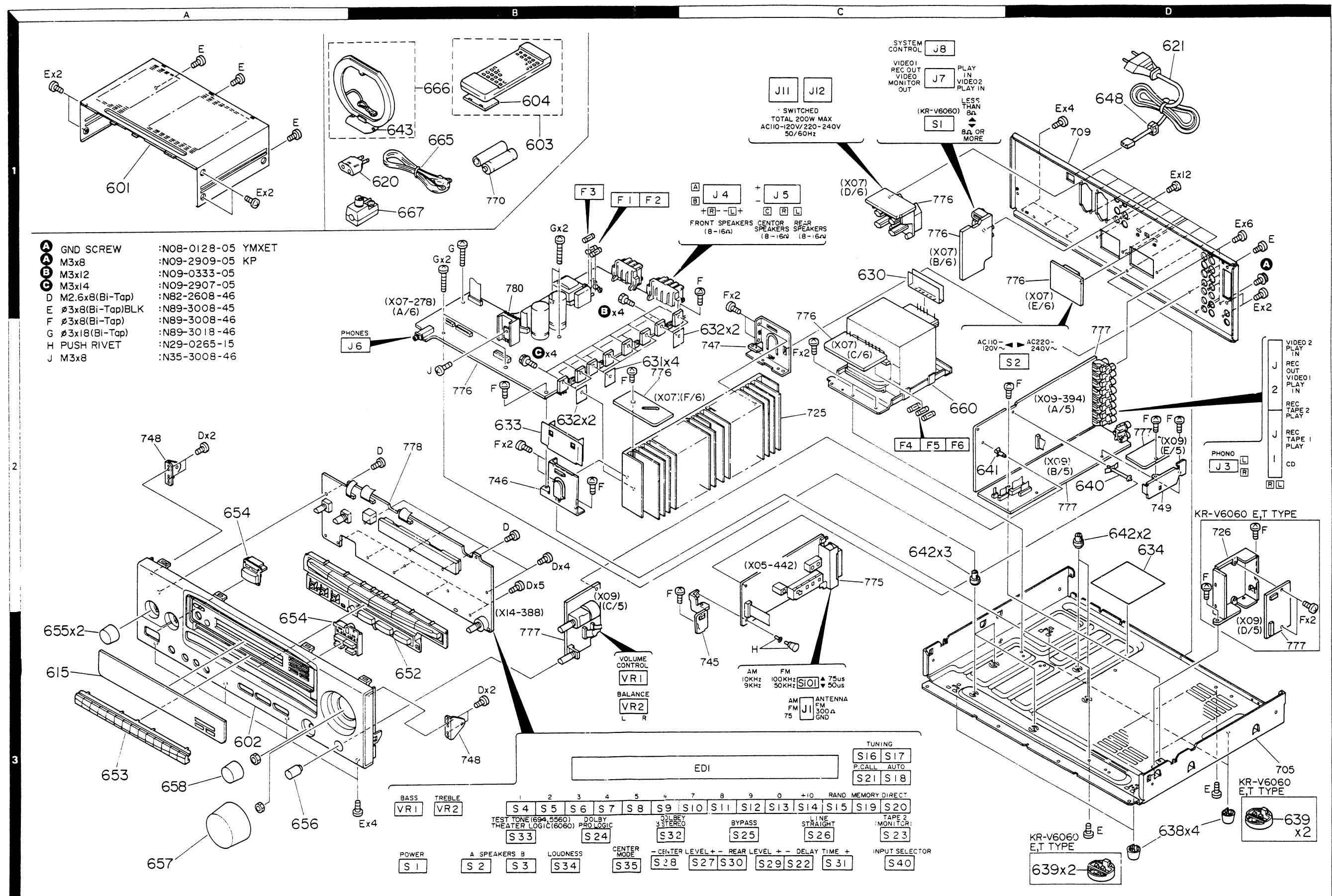
DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list)  $\Delta$  Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

# KR-694/V5560/V6060      KR-694/V5560/V6060 EXPLODED VIEW (UNIT)



# KR-694/V5560/V6060

## PARTS LIST

### UNIT LIST

#### KR-694

DESTINATION		TUNER UNIT	MAIN AMP UNIT	AUDIO UNIT	DISPLAY UNIT
Singapore made	K	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11
	P	X05-4460-11	X07-2771-02	X09-3940-11	X14-3880-11
	M	X05-4460-21	X07-2780-22	X09-3940-11	X14-3880-22
Malaysia made	K	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11
	P	X05-4460-11	X07-2771-02	X09-3940-11	X14-3880-11

#### KR-V5560

DESTINATION		TUNER UNIT	MAIN AMP UNIT	AUDIO UNIT	DISPLAY UNIT
Singapore made	K	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11
	P	X05-4460-11	X07-2771-02	X09-3940-11	X14-3880-11
	Y	X05-4460-21	X07-2782-92	X09-3940-11	X14-3880-22
	M	X05-4460-21	X07-2780-22	X09-3940-11	X14-3880-22
	X	X05-4460-71	X07-2780-11	X09-3940-11	X14-3880-71
	R	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11
Malaysia made	K	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11
	P	X05-4460-11	X07-2771-02	X09-3940-11	X14-3880-11
	R	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11

#### KR-V6060

DESTINATION		TUNER UNIT	MAIN AMP UNIT	AUDIO UNIT	DISPLAY UNIT
Singapore made	K	X05-4460-11	X07-2770-10	X09-3940-10	X14-3880-10
	P	X05-4460-11	X07-2771-01	X09-3940-10	X14-3880-10
	R	X05-4460-11	X07-2770-10	X09-3940-10	X14-3880-10
	Y	X05-4460-21	X07-2782-91	X09-3940-10	X14-3880-21
	M	X05-4460-21	X07-2780-21	X09-3940-10	X14-3880-21
	T	X05-4472-72	X07-2780-51	X09-3942-71	X14-3882-71
	E	X05-4472-72	X07-2782-70	X09-3942-71	X14-3882-71
	K	X05-4460-11	X07-2770-10	X09-3940-10	X14-3880-10
Malaysia made	P	X05-4460-11	X07-2771-01	X09-3940-10	X14-3880-10
	R	X05-4460-11	X07-2770-10	X09-3940-10	X14-3880-10

No.1				Re- marks	
Ref. No.	Address	Parts No.	Description	Desti- nation	Re- marks
参照番号	位置	部品番号	部品名 / 規格	仕	備
KR-694					
601	1A	A01-3098-11	METALLIC CABINET		
602	3A	A60-0527-11	PANEL		
603	1B	A70-0964-05	REMOTE CONTROLLER ASSY(-R0502)		
604	1B	A09-0170-08	BATTERY COVER		
615	3A	B03-2887-13	DRESSING PLATE	K	
-	-	B46-0092-33	WARRANTY CARD	P	
-	-	B46-0121-33	WARRANTY CARD	K	
-	-	B46-0197-00	QUESTIONNAIRE CARD	K	
-	-	B58-0964-03	CAUTION CARD (UL)	K	
-	-	B58-0965-03	CAUTION CARD (P.T.X TYPE)	P	
-	-	B58-0966-03	CAUTION CARD (ELM TYPE)	M	
-	-	B60-1453-00	INSTRUCTION MANUAL (ENGLISH)	P	
-	-	B60-1454-00	INSTRUCTION MANUAL (FRENCH)	P	
-	-	B60-1455-00	INSTRUCTION MANUAL (CHINESE)	M	
-	-	B60-1456-00	INSTRUCTION MANUAL (SPANISH)	M	
620	1B	E03-0115-05	AC PLUG ADAPTER	M	
621	1D	E30-2592-15	AC POWER CORD	M	
621	1D	E30-2650-05	AC POWER CORD	M	
621	1D	E30-2650-05	AC POWER CORD	KPR	
631	2B	F20-1297-05	INSULATING SHEET (FRONT)	P	
632	2B, 2C	F20-1297-05	INSULATING SHEET (CENTER, REAR)		
633	2B	F20-1392-04	INSULATING SHEET	M	
634	2D	F20-1393-04	INSULATING SHEET		
-	-	H10-5676-02	POLYSTYRENE FOAMED FIXTURE (L)	KPM	
-	-	H10-5677-02	POLYSTYRENE FOAMED FIXTURE (R)	KPM	
-	-	H10-5680-02	POLYSTYRENE FOAMED FIXTURE (L)	KP	
-	-	H10-5681-02	POLYSTYRENE FOAMED FIXTURE (R)	KP	
-	-	H11-0061-04	POLYSTYRENE FOAMED BOARD		
-	-	H13-0147-14	CARTON BOARD		
-	-	H25-0232-04	PROTECTION BAG (235X350X0.03)		
-	-	H25-1514-04	PROTECTION BAG		
-	-	H50-0931-04	ITEM CARTON CASE	KP	
-	-	H50-0932-04	ITEM CARTON CASE	H	
-	-	H50-0987-04	ITEM CARTON CASE	KP	
638	3D	J02-0366-15	FOOT		
640	2D	J19-3208-05	UNIT HOLDER		
641	2C	J19-3326-15	UNIT HOLDER		
642	2C, 2D	J19-3657-04	UNIT HOLDER USABLE J19-3609-04		
643	1B	J19-3645-04	AM LOOP ANT. STAND		
648	1D	J42-0083-05	POWER CORD BUSHING		
-	-	J61-0307-05	WIRE BAND		
652	3B	K29-5843-02	KN0B (SURROUND)		
653	3A	K29-5834-13	KN0B (10KEY)		
654	2A, 3A	K29-5837-02	KN0B (POWER, TUNING)		
655	3A	K29-5836-04	KN0B (BASS, TREBLE)		
656	3A	K29-5839-14	KN0B (BASS)		
657	3A	K29-5840-04	KN0B ASSY (VOLUME)		
658	3A	K29-5866-04	KN0B (INPUT SELECTOR)		
660	2C	L07-0848-05	POWER TRANSFORMER	P	
660	2C	L07-0851-05	POWER TRANSFORMER	M	

4:KR-694

S:Singapore made

R:Mexico

K:USA

L:Scandinavia

Y:PK(Far East, Hawaii)

Y:AFES(Europe)

5:KR-V5560

W:Malaysia made

G:Germany

T:England

E:Europe

X:Australia

M:Other Areas

6:KR-V6060

indicates safety critical components

# KR-694/V5560/V6060

## PARTS LIST

★ New Parts  
Parts without Parts No. are not supplied.  
Les articles non mentionnés dans le Parts No. ne sont pas fournis.  
Teile ohne Parts No. werden nicht geliefert.

No.3

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向
-	-	H50-0925-04	ITEM CARTON CASE	M
-	-	H50-0926-04	ITEM CARTON CASE	KPR
638	3D	J02-0366-15	FOOT	
640	2D	J19-3208-05	UNIT HOLDER	
641	2C	J19-3326-15	UNIT HOLDER	
642	2C, 2D	J19-3657-04	UNIT HOLDER (USABLE J19-3609-04)	
643	1B	J19-3645-05	AM LOOP ANT. STAND	
648	1D	J42-0083-05	POWER CORD BUSHING	
-	-	J61-0307-05	WIRE BAND	
652	3B	K29-5843-02	KNOB (SURROUND)	
653	3A	K29-5834-13	KNOB (10KEY)	
654	2A, 3A	K29-5837-02	KNOB (POWER, TUNING)	
655	3A	K29-5838-04	KNOB (BASS, TREBLE)	
656	3A	K29-5839-14	KNOB (BALANCE)	
657	3A	K29-5860-04	KNOB ASSY (VOLUME)	
658	3A	K29-5866-04	KNOB (INPUT SELECTOR)	
660	2C	L07-0848-05	POWER TRANSFORMER	P
660	2C	L07-0850-05	POWER TRANSFORMER	X
660	2C	L07-0851-05	POWER TRANSFORMER	YM
660	2C	L07-0852-05	POWER TRANSFORMER	KR
A		N08-0128-35	BINDING POST (EARTH)	YMX
A		N09-2909-05	TAPPIE SCREW	KPR
B		N09-0333-05	TAPPING SCREW (3X12)	
C		N09-2907-05	SEMS (TAPPIE SCREW)(3X14)	
D		N82-2608-46	BINDIC HEAD TAPPIE SCREW	
E		N89-3008-45	BINDING HEAD TAPPIE SCREW	
F		N89-3008-46	BINDING HEAD TAPPIE SCREW	
G		N89-3018-46	BINDING HEAD TAPPIE SCREW	
H		N29-0265-15	PUSH RIVET	
665	1B	T90-0175-05	T TYPE ANTENNA	
666	1B	T90-0195-05	LOOP ANTENNA	

### KR-V6060

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向
601	1A	A01-3098-11	METALLIC CABINET	KPYMR
602	3A	A60-0525-21	PANEL	TE
603	1B	A70-0962-15	REMOTE CONTROLLER ASSY (-R0702)	
603	1B	A70-0963-05	REMOTE CONTROLLER ASSY (-R0703)	
604	1B	A09-0146-08	BATTERY COVER	
615	3A	B03-2871-13	DRESSING PLATE	KPYMR
615	3A	B03-2886-13	DRESSING PLATE	TE
-	-	B46-0092-33	WARRANTY CARD	K
-	-	B46-0094-03	WARRANTY CARD	Y
-	-	B46-0095-03	WARRANTY CARD	Y
-	-	B46-0121-33	WARRANTY CARD	P
-	-	B46-0197-00	QUESTIONNAIRE CARD	TE
-	-	B46-0310-03	WARRANTY CARD	TE
-	-	B58-0513-04	CAUTION CARD (PRESET220-240)	KYR
-	-	B58-0964-03	CAUTION CARD (UL)	
-	-	B58-0965-03	CAUTION CARD (P, T, X)	P
-	-	B58-0966-03	CAUTION CARD (E, I, M)	MTE
-	-	B58-0970-03	CAUTION CARD (R, TYPE)	R
-	-	B60-1441-00	INSTRUCTION MANUAL (ENGLISH)	KPYMR
-	-	B60-1442-00	INSTRUCTION MANUAL (ENGLISH)	TE

4-KR-694  
5-KR-V5560  
6-KR-V6060  
S:Singapore made  
W:Malaysia made  
R:Mexico  
G:Germany  
P:Canada  
E:Europe  
T:England  
X:Australia  
Y:AFES(Europe)  
L:Scandinavia  
Y:PX(Far East, Hawaii)  
Y:AFES(Europe)

★ New Parts  
Parts without Parts No. are not supplied.  
Les articles non mentionnés dans le Parts No. ne sont pas fournis.  
Teile ohne Parts No. werden nicht geliefert.

No.2

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向
660	2C	L07-0852-05	POWER TRANSFORMER	K
A		N08-0128-35	BINDING POST (EARTH)	M
A		N09-2909-05	TAPPIE SCREW (3X12)	KP
B		N09-0333-05	TAPPING SCREW (3X14)	
C		N09-2907-05	SEMS (TAPPIE SCREW)(3X14)	
D		N82-2608-46	BINDIC HEAD TAPPIE SCREW	
E		N89-3008-45	BINDING HEAD TAPPIE SCREW	
F		N89-3008-46	BINDING HEAD TAPPIE SCREW	
G		N89-3018-46	BINDING HEAD TAPPIE SCREW	
H		N29-0265-15	PUSH RIVET	
665	1B	T90-0175-05	T TYPE ANTENNA	
666	1B	T90-0195-05	LOOP ANTENNA	

### KR-V5560

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向
601	1A	A01-3098-11	METALLIC CABINET	
602	3A	A60-0526-21	PANEL	
603	1B	A70-0964-05	REMOTE CONTROLLER ASSY (-R0502)	
604	1B	A09-0170-08	BATTERY COVER	
615	3A	B03-2887-13	DRESSING PLATE	K
-	-	B46-0092-33	WARRANTY CARD	Y
-	-	B46-0094-03	WARRANTY CARD	Y
-	-	B46-0095-03	WARRANTY CARD	Y
-	-	B46-0096-43	WARRANTY CARD	X
-	-	B46-0121-33	WARRANTY CARD	P
-	-	B46-0197-00	QUESTIONNAIRE CARD	KR
-	-	B58-0513-04	CAUTION CARD (PRESET220-240)	Y
-	-	B58-0964-03	CAUTION CARD	KYR
-	-	B58-0965-03	CAUTION CARD	P
-	-	B58-0966-03	CAUTION CARD	MX
-	-	B58-0970-03	CAUTION CARD	RR
-	-	B60-1453-00	INSTRUCTION MANUAL (ENGLISH)	
-	-	B60-1454-00	INSTRUCTION MANUAL (FRENCH)	P
-	-	B60-1455-00	INSTRUCTION MANUAL (CHINESE)	M
-	-	B60-1456-00	INSTRUCTION MANUAL (SPANISH)	MR
620	1B	E03-0115-05	AC PLUG ADAPTER	M
621	1D	E30-2592-15	AC POWER CORD	M
621	1D	E30-2605-05	AC POWER CORD	Y
621	1D	E30-2650-05	AC POWER CORD	KPR
621	1D	E30-2650-05	AC POWER CORD	
621	1D	E30-2717-05	AC POWER CORD	X
631	2B	F20-1297-05	INSULATING SHEET (FRONT)	
632	2B, 2C	F20-1297-05	INSULATING SHEET (CENTER, REAR)	
633	2B	F20-1392-04	INSULATING BOARD	
634	2D	F20-1393-04	INSULATING SHEET	YMX
-	-	H10-5676-02	POLYSTYRENE FOAMED FIXTURE (L)	KPYMR
-	-	H10-5677-02	POLYSTYRENE FOAMED FIXTURE (R)	KPYMR
-	-	H10-5680-02	POLYSTYRENE FOAMED FIXTURE (L)	KPR
-	-	H10-5681-02	POLYSTYRENE FOAMED FIXTURE (R)	KPR
-	-	H11-0061-04	POLYSTYRENE FOAMED BOARD	
-	-	H13-0147-14	CARTON BOARD	
-	-	H25-0232-04	PROTECTION BAG (235X350X0.03)	
-	-	H35-0361-04	PROTECTION BAG	
-	-	H50-0924-04	ITEM CARTON CASE	KPYR

4-KR-694  
5-KR-V5560  
6-KR-V6060  
S:Singapore made  
W:Malaysia made  
R:Mexico  
G:Germany  
P:Canada  
E:Europe  
T:England  
X:Australia  
Y:AFES(Europe)  
L:Scandinavia  
Y:PX(Far East, Hawaii)  
Y:AFES(Europe)

# KR-694/V5560/V6060

## PARTS LIST

✱ New Parts  
Parts without Parts No. are not supplied.  
Les articles non mentionnés dans le Parts No. ne sont pas fournis.  
Teile ohne Parts No. werden nicht geliefert.

No.5

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
660	2C	* L07-0847-05	POWER TRANSFORMER	KR
A		N06-0128-35	BINDING POST (EARTH)	YME
B		N09-2909-05	TAPPING SCREW (3X12)	KPR
C		N04-0333-05	SEMS (TAPITE SCREW)(3X14)	
D		N04-2907-05	BINDIG HEAD TAPITE SCREW	
E		N89-3008-45	BINDING HEAD TAPITE SCREW	
F		N89-3008-46	BINDING HEAD TAPITE SCREW	
G		N89-3018-46	BINDING HEAD TAPITE SCREW	
H		N29-0265-15	PUSH RIVET	
665	1B	T90-0175-05	T TYPE ANTENNA	
666	1B	T90-0195-05	L00P ANTENNA	
667	1B	T90-0195-05	ANTENNA ADAPTOR	TE
<b>TUNER UNIT(X05-446X-XX) : Except E,T</b>				
C1 , 2		CK73FB1H103K	CHIP C	
C4		CE04LW1A470M	ELECTR0	0.010UF K
C5		CK73FB1H103K	CHIP C	0.010UF K
C8		CK73FB1H103K	CHIP C	0.010UF K
C10		CK73FB1H122K	CHIP C	1200PF K
C11		CE04LW1H4R7M	ELECTR0	4.7UF 50WV
C13		CE04LW1H010M	ELECTR0	1.0UF 50WV
C14		CE04LW1H2R2M	ELECTR0	2.2UF 50WV
C21 , 22		C092FM1H163J	MYLAR	0.016UF J
C21 , 22		C092FM1H243J	MYLAR	0.024UF J
C23		CE04LW1H010M	ELECTR0	1.0UF 50WV
C24		CE04LW1H3R3M	ELECTR0	3.3UF 50WV
C25		CE04LW1V100M	ELECTR0	10UF 35WV
C27		CK73FB1E473K	CHIP C	0.047UF K
C28		CE04LW1V100M	ELECTR0	10UF 35WV
C31		CE04LW1A470M	ELECTR0	47UF 10WV
C32		CK73FB1H103K	CHIP C	0.010UF K
C33		CK73FB1H220J	CHIP C	22PF J
C34		CK73FB1H220J	CHIP C	22PF J
C35 -38		CK73FB1H471K	CHIP C	470PF K
C39		CE04LW1C470M	ELECTR0	47UF 16WV
C40		CK73FB1H223K	CHIP C	0.022UF K
C41		CE04LW1H010M	ELECTR0	1.0UF 50WV
C42 , 43		CK73FB1H103K	CHIP C	0.010UF K
C50		C91-0769-05	CERAMIC	0.01UF K
C51		CE04LW1H010M	ELECTR0	1.0UF 50WV
C52		CE04LW1C470M	ELECTR0	47UF 16WV
C57		CK73FB1H220J	CHIP C	22PF J
C65		CE04LW1H010M	ELECTR0	1.0UF 50WV
C66		CK73FB1H102K	CHIP C	1000PF K
C71		CE04LW1V100M	ELECTR0	10UF 35WV
C72		CE04LW1C470M	ELECTR0	47UF 16WV
C103-106		CE04LW1H47M	ELECTR0	0.47UF 50WV
C107		CK73FB1E473K	CHIP C	0.047UF K
C112		CE04LW1H101J	CHIP C	100PF J
C114		CK73FB1H6B1K	CHIP C	680PF K
C115 , 116		CK73FB1H101J	CHIP C	100PF J
C121 , 122		CE04LW1C470M	ELECTR0	47UF 16WV
C135 , 136		C092FM1H482J	MYLAR	4800PF J
C182		CE04LW1H150J	CHIP C	15PF J

4:KR-694  
5:KR-V5560  
6:KR-V6060  
S:Singapore made  
W:Malaysia made  
R:Mexico  
G:Germany  
P:Canada  
E:Europe  
M:Other Areas  
K:USA  
T:England  
X:Australia  
L:Scandinavia  
Y:PK(Far East, Hawaii)  
Y:AFES(Europe)

△ indicates safety critical components

✱ New Parts  
Parts without Parts No. are not supplied.  
Les articles non mentionnés dans le Parts No. ne sont pas fournis.  
Teile ohne Parts No. werden nicht geliefert.

No.4

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
-		860-1443-00	INSTRUCTION MANUAL (FRENCH)	P
-		860-1444-00	INSTRUCTION MANUAL (CHINESE)	M
-		860-1445-00	INSTRUCTION MANUAL (GE,OU)	E
-		860-1446-00	INSTRUCTION MANUAL (SPANISH)	MR
-		860-1593-00	INSTRUCTION MANUAL (SPANISH)	E
-		360-1594-00	INSTRUCTION MANUAL (FR,IT)	E
620	1B	E03-0115-05	AC PLUG ADAPTER	M
621	1D	E30-2592-15	AC POWER CORD	ME
621	1D	E30-2650-05	AC POWER CORD	Y
621	1D	E30-2650-05	AC POWER CORD	KPR
621	1D	E30-2721-05	AC POWER CORD	T
630	1C	F20-1258-04	INSULATING BOARD (FRONT)	T
631	2B	F20-1284-05	INSULATING SHEET (CENTER, REAR)	
632	2B	F20-1297-05	INSULATING BOARD	
633	2B	F20-1392-04	INSULATING SHEET	
634	2D	F20-1393-04	INSULATING SHEET	YME
-		H10-5676-02	POLYSTYRENE FOAMED FIXTURE (L)	KPYMR
-		H10-5677-02	POLYSTYRENE FOAMED FIXTURE (R)	S
-		H10-5678-02	POLYSTYRENE FOAMED FIXTURE (L)	KPYMR
-		H10-5679-02	POLYSTYRENE FOAMED FIXTURE (R)	T
-		H10-5680-02	POLYSTYRENE FOAMED FIXTURE (L)	S
-		H10-5681-02	POLYSTYRENE FOAMED FIXTURE (R)	W
-		H11-0061-04	POLYSTYRENE FOAMED BOARD	KPYMR
-		H13-0147-14	CARTON BOARD	T
-		H13-0160-04	CARTON BOARD	KPYMR
-		H25-0232-04	PROTECTION BAG (235X350X0.03)	KPYMR
-		H25-0361-04	PROTECTION BAG	KPYMR
-		H25-0651-04	PROTECTION BAG (0232 PRINTED)	T
-		H25-0666-04	PROTECTION BAG (0361 PRINTED)	T
-		H50-0921-04	ITEM CARTON CASE	KPYMR
-		H50-0922-04	ITEM CARTON CASE	M
-		H50-0923-04	ITEM CARTON CASE	S
-		H50-0985-04	ITEM CARTON CASE	T
638	30	J02-0366-15	FOOT	KPR
639	30	J02-1040-05	UNIT HOLDER	KPYMR
640	2D	J19-3208-05	UNIT HOLDER	TE
641	2C	J19-3326-15	UNIT HOLDER(USABLE J19-3609-04)	
642	2C, 2D	J19-3657-04	UNIT HOLDER(USABLE J19-3609-04)	
643	1B	J19-3645-05	AM LOOP ANT. STAND	
648	1D	J42-0083-05	POWER CORD BUSHING	
-		J61-0307-05	WIRE BAND	
652	3B	K29-5833-02	KN08 (SURROUND)	
653	3A	K29-5834-13	KN08 (LUKEY)	
654	2A, 3A	K29-5836-02	KN08 (POWER, TUNING)	
654	2A, 3A	K29-5837-02	KN08 (POWER, TUNING)	
655	3A	K29-5836-04	KN08 (BASS, TREBLE)	
656	3A	K29-5839-14	KN08 (BARANCE)	
657	3A	K29-5859-04	KN08 ASSY (VOLUME)	
658	3A	K29-5866-04	KN08 (INPUT SELECTOR)	
660	2C	L07-0843-05	POWER TRANSFORMER	P
660	2C	L07-0844-05	POWER TRANSFORMER	E
660	2C	L07-0845-05	POWER TRANSFORMER	T
660	2C	L07-0846-05	POWER TRANSFORMER	YM

4:KR-694  
5:KR-V5560  
6:KR-V6060  
S:Singapore made  
W:Malaysia made  
R:Mexico  
G:Germany  
P:Canada  
E:Europe  
M:Other Areas  
K:USA  
T:England  
X:Australia  
L:Scandinavia  
Y:PK(Far East, Hawaii)  
Y:AFES(Europe)

△ indicates safety critical components

# KR-694/V5560/V6060

## PARTS LIST

✱ New Parts  
Parts without Parts No. are not supplied  
Les articles non mentionnés dans le Parts No. ne sont pas fournis  
Teil ohne Parts No. werden nicht geliefert

No.7

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Re- marks 備考
C8		CK73FB1H682K	CHIP C	
C9		CK73FB1H103K	CHIP C	
C10		CC73FSL1H330J	CHIP C	
C11		CE04LW1V100M	ELECTRØ	35WV
C12		CE04LW1H010M	ELECTRØ	1.0UF 50WV
C13		CE04LW1H010M	ELECTRØ	0.33UF 50WV
C14		CE04LW1H010M	ELECTRØ	1.0UF 50WV
C15		CK73FB1H103K	CHIP C	
C16		C91-0769-05	CERAMIC	0.01UF K
C17		CK73FB1H223K	CHIP C	0.022UF K
C21, 22		CK73FB1H682K	CHIP C	6800PF K
C23		CE04LW1V100M	ELECTRØ	10UF 35WV
C25		CE04LW1V100M	ELECTRØ	10UF 35WV
C27		CE04LW1V100M	ELECTRØ	10UF 35WV
C28		CK73FB1E473K	CHIP C	0.047UF K
C31		CE04LW1A470M	ELECTRØ	47UF 10WV
C32		CK73FB1H103K	CHIP C	0.010UF K
C33		CC73FCH1H220J	CHIP C	22PF J
C34		CK73FB1H220J	CHIP C	22PF J
C35 - 38		CK73FB1H471K	CHIP C	470PF K
C39		CE04LW1C470M	ELECTRØ	47UF 16WV
C40		C492FM1H223J	MYLAR	0.022UF J
C41		CE04HWH2R2M	NP-ELEC	2.2UF 50WV
C42, 43		CK73FB1H103K	CHIP C	0.010UF K
C45, 46		CE04LW1V100M	ELECTRØ	10UF 35WV
C47, 48		CE04LW1H0R1M	ELECTRØ	0.1UF 50WV
C50		C91-0769-05	CERAMIC	0.01UF K
C51		CE04LW1H010M	ELECTRØ	1.0UF 50WV
C52		CE04LW1C470M	ELECTRØ	47UF 16WV
C56		CC73FCH1H220J	CHIP C	22PF J
C58, 59		CK73FB1H472K	CHIP C	4700PF K
C65		CE04LW1H010M	ELECTRØ	1.0UF 50WV
C66		C91-0769-05	CERAMIC	0.01UF K
C72		CE04LW1C470M	ELECTRØ	47UF 16WV
C107		CK73FB1E473K	CHIP C	0.047UF K
C121, 122		CE04LW1C470M	ELECTRØ	47UF 16WV
C123		CE04LW1H0R1M	ELECTRØ	0.1UF 50WV
C172		CC73FSL1H330J	CHIP C	33PF J
C173-175		CK73FB1H102K	CHIP C	1000PF K
C182		CC73FSL1H150J	CHIP C	15PF J
J1		E20-0321-05	LOCK TERMINAL BOARD	
J2		* F10-0921-14	SHIELDING PLATE	
CF1, 2		L72-0536-05	CERAMIC FILTER	
L1, 2		L40-1091-17	SMALL FIXED INDUCTOR(1UH)	
L3		L30-0496-05	PM IFT	
L4		L30-0497-05	FM IFT	
L5		L79-0125-05	LC FILTER	
L7		L30-0467-05	AM IFT	
L8, 9		L79-0790-05	LC FILTER	
L10		L40-1091-17	SMALL FIXED INDUCTOR(1UH)	
L103		L39-1309-05	COMBINATION COIL	
L106		L40-1091-17	SMALL FIXED INDUCTOR(1UH)	
X1		L77-1122-05	CRYSTAL RESONATOR(7.2MHZ)	

4:KR-694  
5:KR-V5560  
6:KR-V6060  
S:Singapore made  
W:Malaysia made  
R:Mexico  
G:Germany  
P:Canada  
E:Europe  
M:Other Areas  
K:USA  
T:England  
X:Australia  
Y:AFES(Europe)  
L:Scandinavia  
Y:PX(Far East, Hawaii)  
Y:AFES(Europe)

Δ indicates safety critical components

✱ New Parts  
Parts without Parts No. are not supplied  
Les articles non mentionnés dans le Parts No. ne sont pas fournis  
Teil ohne Parts No. werden nicht geliefert

No.6

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Re- marks 備考
J1		E20-0476-05	LOCK TERMINAL BOARD(4P)	
J2		F10-0920-14	SHIELDING PLATE	
CF1, 2		L72-0531-05	CERAMIC FILTER	
CF3		L72-0574-05	CERAMIC FILTER	
L7		L30-0467-05	AM IFT	
L10		L40-1091-17	SMALL FIXED INDUCTOR(1UH)	
L11		L40-1021-14	SMALL FIXED INDUCTOR(1.0MH, K)	
L12		L40-1091-17	SMALL FIXED INDUCTOR(1UH)	
L103		L39-1309-05	COMBINATION COIL	
L106		L40-1091-17	SMALL FIXED INDUCTOR(1UH)	
X1		L77-1122-05	CRYSTAL RESONATOR(7.2MHZ)	
X2		L78-0295-05	RESONATOR (19KHZ)	
R11		RS14KB3A820J	FL-PROOF RS 82 J 1W	
R31		RS14KB3D21J	FL-PROOF RS 220 J 2W	
R42		RD14N82E101J	RD 100 J 1/4W	
R111		RD14N82E470J	RD 47 J 1/4W	
R127, 128		RD14N82E101J	RD 100 J 1/4W	
W46		R92-0670-05	CHIP R 0 0HM	
W48		R92-0670-05	CHIP R 0 0HM	
S101		S62-0034-05	SLIDE SWITCH(CH, SPACE, EMPASIS)	YM
D3		HZS5-1N(82)	ZENER DIODE	
D3		RD5-1ES(82)	ZENER DIODE	
D4		HZS5-1N(82)	ZENER DIODE	
D4		RD3-3ES(82)	ZENER DIODE	
D7		MA110	DIODE	
D8		HSS104	DIODE	
D8		LS133	DIODE	
D11		HZS6-2N(82)	ZENER DIODE	
D11		RD8-2ES(82)	ZENER DIODE	
D111, 112		MA110	DIODE	
IC1		LA1831-KEN	ANALOG IC	
IC2		IC(PLL SYNTHESIZER)	IC(PLL SYNTHESIZER)	
IC12		NJM45650	IC(OP AMP X2)	
Q1		2SC2714(F, Ø)	TRANSISTOR	
Q2		2SC1845(F, E)	TRANSISTOR	
Q3		2SC1740S(Q, R)	TRANSISTOR	
Q3		2SC2785(F, E)	TRANSISTOR	
Q7		2SC2412K	TRANSISTOR	
Q11		2SD631E, F	TRANSISTOR	
Q102		2SA1037K	TRANSISTOR	
Q104		2SA1037K	TRANSISTOR	
Q107, 108		2SC2412K	TRANSISTOR	
Q109, 110		2SC2412K	TRANSISTOR	
Q111		2SA1037K	TRANSISTOR	
DT1		W02-1167-05	FM FRONT-END ASSY	
TUNER UNIT(X05-447X-XX) : E.T type				
C1, 2		CK73FB1H103K	CHIP C	
C4		CE04LW1C470M	ELECTRØ	0.010UF K
C5		CK73FB1H223K	CHIP C	47UF 16WV
C6		CK73FB1E473K	CHIP C	0.022UF K
C7		CE04LW1H3R3M	ELECTRØ	0.047UF K
				3.3UF 50WV

4:KR-694  
5:KR-V5560  
6:KR-V6060  
S:Singapore made  
W:Malaysia made  
R:Mexico  
G:Germany  
P:Canada  
E:Europe  
M:Other Areas  
K:USA  
T:England  
X:Australia  
Y:AFES(Europe)  
L:Scandinavia  
Y:PX(Far East, Hawaii)  
Y:AFES(Europe)

Δ indicates safety critical components

# KR-694/V5560/V6060

## PARTS LIST

No.9

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Re- marks 備考
C35		CE04LW1J100M	ELECTRØ	5
C35		CE04LW2A100M	100UF 63WV	6
C36		CE04LW1J331M	330UF 63WV	4
C36		CE04LW1J331M	330UF 63WV	5
C36		CE04LW2A331M	330UF 100WV	6
C37		CE04LW1V102M	ELECTRØ	
C39		CK45FB1H102K	CERAMIC	
C41		CE04LW1C470M	470UF 16WV	
C46		CK45FF1H103Z	CERAMIC	
C47		CK45FE2H103P	0.0100UF P	6
C50		CE04LW1J221M	220UF	
C51		CE04LW1V100M	100UF 35WV	
C59		C91-1488-05	MF	
C60		CK45FF1H103Z	CERAMIC	
C61		CE04LW1E331M	ELECTRØ	
C62		CE04LW1A470M	47UF 10WV	
C65		CE04LW1V4R7M	ELECTRØ	
C70		CK45FF1H103Z	CERAMIC	
C71		CK45FB1H102K	1000PF K	
C83		CK45FF1H103Z	CERAMIC	
C84		CK45FB1H471K	470PF K	
C85		CK45FB1H471K	470PF K	
C90		CE04LW1A470M	ELECTRØ	
C91		CE04LW0471M	470UF 6.3WV	
C92		CK45FF1H103Z	CERAMIC	
C95		CE04LW1V100M	100UF 35WV	
C98		CK45FF1H103Z	CERAMIC	
C101		CK45FF1H103Z	CERAMIC	
C104		CK45FF1H221J	220UF Z	
C106		CK45FF1H475Z	0.047UF Z	
J3		E03-0117-05	AC ØUTLET	
J4		E70-0047-05	LOCK TERMINAL BOARD	
J5		E70-0046-05	LOCK TERMINAL BOARD	
J6		E11-0127-05	PHONE JACK (3P)	
J7		E63-0069-15	PHONE JACK	
J8		E11-0188-05	MINIATURE PHONE JACK (2P 27)	
F1		F05-6029-05	FUSE (UL)	
F6		F04-1026-05	FUSE (UL) (250V 1A)	
CN5		J13-0075-05	FUSE CLIP	
CN11		J13-0075-05	FUSE CLIP	
J2		J11-0098-05	WIRE CLAMPER	
L1		L39-0065-05	PHASE COMPENSATION COIL	
T1		L07-0884-05	POWER TRANSFORMER	
J		N35-3008-46	BINDING HEAD MACHINE SCREW	
CP1		R70-0840-05	RD 0.22 5W	
CP3		R70-0840-05	RD 0.22 5W	
CP3		R70-0840-05	RD 0.22 5W	
CP3		R70-0840-05	RD 0.22 5W	
RS		R014NB2E220J	MULTIPLE RESISTOR	
RS		R014NB2E220J	RD 22 J 1/4W	
R9		RS14KB304R7J	FL-PROOF RS 4.7 J 2W	
R11		R014NB2E100J	RD 10 J 1/4W	
R13		R014NB2E332J	RD 3.3K J 1/4W	

No.8

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Re- marks 備考
X2		L78-0295-05	RESONATOR (19KHZ)	
R31		RS14KB30221J	FL-PROOF RS 220 J 2W	
R42		R014NB2E101J	RD 100 J 1/4W	
R111		R014NB2E470J	RD 47 J 1/4W	
R127,128		R014NB2E101J	RD 100 J 1/4W	
VR1		R12-3686-05	TRIMMING POT. (22K)	
VR2		R12-3685-05	TRIMMING POT. (10K)	
VR3		R12-1619-05	TRIMMING POT. (4.7K)	
W200-211		R92-0670-05	CHIP R 0 OHM	
		R92-0679-05	CHIP R 0 OHM	
D3		H25-1N(B2)	ZENER DIODE	
D3		R05-1ES(R2)	ZENER DIODE	
D4		H23-1N(B2)	ZENER DIODE	
D4		R02-1ES(B2)	ZENER DIODE	
D5		HSS104	DIODE	
D5		SS133	DIODE	
D11		H25133	ZENER DIODE	
D11		R010ES(R)	ZENER DIODE	
D11,112		HSS104	DIODE	
D11,112		SS133	DIODE	
D117,118		1SS268	DIODE	
D121		MA110	DIODE	
D125		MA110	DIODE	
IC1		LA1851N	IC (AMP. FM TUNER)	
IC2		LC7218	IC (PLL SYNTHESIZER)	
IC3		NJ45650	IC (OP AMP X2)	
IC4		M5223P	IC (OP AMP X2)	
Q1		2SC2714(R, Ø)	TRANSISTOR	
Q2		2SC1845(F, E)	TRANSISTOR	
Q3		2SC2412K	TRANSISTOR	
Q5		2SA1037K	TRANSISTOR	
Q7		2SC2412K	TRANSISTOR	
Q9		2SA1037K	TRANSISTOR	
Q10		2SC2412K	TRANSISTOR	
Q11		2SD863(E, F)	TRANSISTOR	
Q102		2SA1037K	TRANSISTOR	
Q109,110		2SC2412K	TRANSISTOR	
Q111		2SA1037K	TRANSISTOR	
DT1		W02-1166-15	FM FRONT-END ASSY	
MAIN AMP UNIT (X07-277X-XX) : K,P,R type				
C1		CC45FSL1H101J	100PF J	
C3		CK45FF1H103Z	CERAMIC	
C7		CQ92FM1H104J	MYLAR	
C9		CK45FF1H103Z	CERAMIC	
C13		CQ92FM1H104J	MYLAR	
C17		CK45FF1H103Z	CERAMIC	
C21		CE04LW0J221M	ELECTRØ	
C22		CE04LW1V4R7M	4.7UF 35WV	
C31		CK45FF1H103Z	CERAMIC	
C33		C90-3536-05	ELECTRØ	
C33		C90-3536-05	ELECTRØ	
C33		C90-3538-05	ELECTRØ	
C33		C90-3538-05	ELECTRØ	
C35		CE04LW1J100M	100UF 63WV	

\* New Parts  
Parts without Parts No. are not supplied.  
Les articles non mentionnés dans le Parts No. ne sont pas fournis.  
Teile ohne Parts No. werden nicht geliefert.

\* New Parts  
Parts without Parts No. are not supplied.  
Les articles non mentionnés dans le Parts No. ne sont pas fournis.  
Teile ohne Parts No. werden nicht geliefert.

4:KR-694  
5:KR-V5560  
6:KR-V6060  
S:Singapore made  
W:Malaysia made  
R:Mexico  
G:Germany  
K:USA  
P:Canada  
T:England  
E:Europe  
X:Australia  
M:Other Areas  
Δ indicates safety critical components

4:KR-694  
5:KR-V5560  
6:KR-V6060  
S:Singapore made  
W:Malaysia made  
R:Mexico  
G:Germany  
K:USA  
P:Canada  
T:England  
E:Europe  
X:Australia  
M:Other Areas  
Δ indicates safety critical components

# KR-694/V5560/V6060

## PARTS LIST

\* New Parts  
Parts without Parts No. are not supplied.  
Les articles non mentionnés dans le Parts No. ne sont pas fournis.  
Teile ohne Parts No. werden nicht geliefert.

No.11

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
△ D28 ,29		ISS131	DIODE		
△ D30 ,33		SS5688B	DIODE		
△ D30 ,33		ISS139-100	DIODE		
△ D34		HZ56.2N(B2)	ZENER DIODE		
		RD6.2ES(B2)	ZENER DIODE		
D35		HSS104	DIODE		
D35		ISS133	DIODE		
D35		HSS104	DIODE		
D37 ,40		ISS133	DIODE		
D41 ,44		HSS104A	DIODE		
D41 ,44		ISS131	DIODE		
D45 ,52		HZ513N(B2)	ZENER DIODE		
D45 ,52		RD13ES(B2)	ZENER DIODE		
D53 ,56		HZ55.1N(B2)	ZENER DIODE		
D53 ,56		RD5.1ES(B2)	ZENER DIODE		
D58 ,59		HSS104	DIODE		
D58 ,59		ISS133	DIODE		
D60 ,61		HZ55.1N(B2)	ZENER DIODE		
D60 ,61		RD5.1ES(B2)	ZENER DIODE		
D62 ,63		HSS104	DIODE		
D62 ,63		ISS133	DIODE		
IC1		NJM2279D	IC(V10E0 IC)		
Q1 ,6		25C1845(F,E)	TRANSISTOR		
Q7		25A992(F,E)	TRANSISTOR		
Q8		25A1534A(R,S)	TRANSISTOR		
△ Q9 ,10		25D2012	TRANSISTOR		
△ Q9 ,10		25D2061	TRANSISTOR		
△ Q9 ,10		25D2374	TRANSISTOR		
Q11		25C1740S(Q,R)	TRANSISTOR		
		25C2785(F,E)	TRANSISTOR		
Q12		25A1175(F,E)	TRANSISTOR		
Q12		25A933S(Q,R)	TRANSISTOR		
Q13		25C1740S(Q,R)	TRANSISTOR		
Q13		25C2785(F,E)	TRANSISTOR		
Q14		25A1175(F,E)	TRANSISTOR		
Q14		25A933S(Q,R)	TRANSISTOR		
Q21 ,23		25C1740S(Q,R)	TRANSISTOR		
Q21 ,23		25C2785(F,E)	TRANSISTOR		
Q24		25C1740S(Q,R)	TRANSISTOR		
Q24		25C2785(F,E)	TRANSISTOR		
△ Q25		25C3940A(R,S)	TRANSISTOR		
Q26		25C2003(L,K)	TRANSISTOR		
Q31		25A1175(F,E)	TRANSISTOR		
Q31		25A933S(Q,R)	TRANSISTOR		
Q32		25C1740S(Q,R)	TRANSISTOR		
Q32		25C2785(F,E)	TRANSISTOR		
Q33		25A1175(F,E)	TRANSISTOR		
Q33		25A933S(Q,R)	TRANSISTOR		
Q34		25C1740S(Q,R)	TRANSISTOR		
Q34		25C2785(F,E)	TRANSISTOR		
Q35 ,36		25C1845(F,E)	TRANSISTOR		
Q37 ,38		25A992(F,E)	TRANSISTOR		
Q39		25A1175(F,E)	TRANSISTOR		
Q39		25A933S(Q,R)	TRANSISTOR		
Q40		25C1740S(Q,R)	TRANSISTOR		

4:KR-694  
5:KR-V5560  
6:KR-V6060  
S:Singapore made  
W:Malaysia made  
R:Mexico  
G:Germany  
P:Canada  
E:Europe  
M:Other Areas  
K:USA  
T:England  
X:Australia  
L:Scandinavia  
Y:PK(Far East, Hawaii)  
Y:AFES(Europe)  
△ indicates safety critical components

\* New Parts  
Parts without Parts No. are not supplied.  
Les articles non mentionnés dans le Parts No. ne sont pas fournis.  
Teile ohne Parts No. werden nicht geliefert.

No.10

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
R25 ,28		RD14NB2E220J	R0	J 1/4W	
R29 ,30		RS14KB3D4K7J	FL-PROOF RS	J 2W	
R31 ,32		RD14NB2E100J	R0	J 1/4W	
R33 ,34		RD14NB2E332J	R0	J 1/4W	
R55 ,56		SS14NB3A561J	FL-PROOF RS	J 1W	
R61		RD14NB2E100J	R0	J 1/4W	
R62		RD14NB2E470J	R0	J 1/4W	
R64 ,65		RS14KB3D151J	FL-PROOF RS	J 2W	
R71		RD14NB2E101J	R0	J 1/4W	
△ R76		RS14KB3D271J	FL-PROOF RS	J 2W	
△ R78 ,79		RS14KB3D271J	FL-PROOF RS	J 2W	
△ R80		RD14NB2E180J	R0	J 1/4W	
△ R81		RD14NB2E682J	R0	J 1/4W	
△ R91 ,92		RD14NB2E470J	R0	J 1/4W	
△ R119		R92-1769-05	CARBON	J 1/2W	
△ R128		RD14NB2E185J	R0	J 1/4W	
△ R170 ,171		RS14KB3A391J	FL-PROOF RS	J 1W	
VR1 ,4		R12-1617-05	TRIMMING POT. (2.2K)		
K1 ,2		SS1-2078-05	MAGNETIC RELAY		6
K1 ,2		SS1-2092-05	MAGNETIC RELAY		6
K1 ,2		S76-0005-05	MAGNETIC RELAY		5
K1 ,2		S76-0005-05	MAGNETIC RELAY		4
K3		S76-0005-05	MAGNETIC RELAY		
K4		S76-0016-05	MAGNETIC RELAY		6
K4		S76-0017-05	MAGNETIC RELAY		6
K5		S76-0009-05	MAGNETIC RELAY		
S1		S31-2132-05	SLIDE SWITCH		6
D1 ,5		HSS104A	DIODE		
D1 ,5		ISS131	DIODE		
D6		HZ55.1N(B2)	ZENER DIODE		
D6		RD5.1ES(B2)	ZENER DIODE		
△ D7		PS5BA20F03	DIODE		
△ D7		RBV-602LFA	DIODE		
D8		PS5BA20F03	DIODE		
D8		RBV-602LFA	DIODE		
△ D9 ,12		SS5688B	DIODE		
△ D9 ,12		ISS139-100	DIODE		
D13		HZ56.2N(B2)	ZENER DIODE		
D13		RD6.2ES(B2)	ZENER DIODE		
D14		HZ58.2N(B2)	ZENER DIODE		
D14		RD8.2ES(B2)	ZENER DIODE		
D15		HZ52.7N(B2)	ZENER DIODE		
D15		RD2.7ES(B2)	ZENER DIODE		
△ D15		SS5688B	DIODE		
△ D16 ,17		ISS139-100	DIODE		
△ D16 ,17		HZ516N(B2)	ZENER DIODE		
D18 ,19		RD16ES(B2)	ZENER DIODE		
D18 ,19		HSS104	DIODE		
D21 ,23		ISS133	DIODE		
D21 ,23		HSS104	DIODE		
D24		ISS133	DIODE		
D24		HSS104	DIODE		
D25 ,27		HSS104	DIODE		
D25 ,27		ISS133	DIODE		
△ D28 ,29		HSS104A	DIODE		

4:KR-694  
5:KR-V5560  
6:KR-V6060  
S:Singapore made  
W:Malaysia made  
R:Mexico  
G:Germany  
P:Canada  
E:Europe  
M:Other Areas  
K:USA  
T:England  
X:Australia  
L:Scandinavia  
Y:PK(Far East, Hawaii)  
Y:AFES(Europe)  
△ indicates safety critical components



# KR-694/V5560/V6060

## PARTS LIST

✱ New Parts  
Parts without Parts No. are not supplied.  
Les articles non mentionnés dans le Parts No. ne sont pas fournis.  
Teile ohne Parts No. werden nicht geliefert.

No.13

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 向備考
C84		CK45FB1H471K	CERAMIC 470PF K	6
C85		CK45FB1H471K	CERAMIC 470PF K	
C86		CE04LW1A470M	ELECTR 470UF 10WV	
C91		CE04LW0J471M	ELECTR 470UF 6.3WV	
C92	93	CK45FF1H103Z	CERAMIC 0.010UF Z	
C95	96	CE04LW1V100M	ELECTR 10UF 35WV	
C99	100	CC45ESL1H470J	CERAMIC 47PF J	
C101	103	CC45FF1H103Z	CERAMIC 0.010UF Z	
C104	105	CC45FSL1H221J	CERAMIC 220PF J	
C106		CK45FF1H473Z	CERAMIC 0.047UF Z	
J3		E03-0117-05	AC OUTLET	Y
J4		E70-0047-05	LOCK TERMINAL BOARD	
J5		E70-0046-05	LOCK TERMINAL BOARD	5
J6		E11-0127-05	PHONE JACK	4
J6		E11-0127-05	PHONE JACK	6
J6		E11-0190-05	PHONE JACK	
J7		E63-0069-15	PHONE JACK	
J8		E11-0188-05	MINIATURE PHONE JACK(2P)	
J11	12	E03-0108-05	AC OUTLET	ME
J11	12	E03-0109-05	AC OUTLET	T
F1		F05-3121-05	FUSE (SEMKO) (250V T3.15AL)	TEX
F1	2	F05-3121-05	FUSE (SEMKO) (250V T3.15AL)	YM
F3		F05-3121-05	FUSE (SEMKO) (250V T3.15AL)	MTE
F6		F06-1022-05	FUSE (SEMKO) (250V TIAL)	
CN5	6	J13-0075-05	FUSE CLIP	
CN7	8	J13-0075-05	FUSE CLIP	
CN9	10	J13-0075-05	FUSE CLIP	
CN11	12	J11-0098-05	WIRE CLAMPER	
L1	4	L39-0085-05	PHASE COMPENSATION COIL	
T1		L07-0865-05	POWER TRANSFORMER	YM
T1		L07-0866-05	POWER TRANSFORMER	TX
T1		L07-0867-05	POWER TRANSFORMER	E
J		N35-3008-46	BINDING HEAD MACHINE SCREW	
CP1	2	R90-0840-05	RD 0.22 5W	4
CP3	4	R90-0840-05	RD 0.22 5W	5
CP3	4	R90-0840-05	RD 0.22 5W	6
R5	8	R014NB2E220J	MULTIPLE RESISTOR 22 J 1/4W	
R9	10	RS14KB3D47J	FL-PR00F RS 4.7 J 2W	
R11	12	R014NB2E100J	RD 10 J 1/4W	
R13	14	R014NB2E332J	RD 3.3K J 1/4W	
R15	16	R014NB2C112J	RD 1.1K J 1/6W	5
R15	16	R014NB2C112J	RD 1.1K J 1/6W	4
R25	28	R014NB2E220J	RD 22 J 1/4W	
R29	30	RS14KB3D47J	FL-PR00F RS 4.7 J 2W	
R31	32	R014NB2E100J	RD 10 J 1/4W	
R33	34	R014NB2E332J	RD 3.3K J 1/4W	
R35	36	R014NB2C112J	RD 1.1K J 1/6W	5
R35	36	R014NB2C112J	RD 1.1K J 1/6W	4
R55	56	RS14KB3A561J	FL-PR00F RS S60 J 1W	
R61		R014NB2E100J	RD 10 J 1/4W	
R62		R014NB2E470J	RD 47 J 1/4W	
R64	65	RS14KB3D151J	FL-PR00F RS 150 J 2W	

4:KR-694  
5:KR-V5560  
6:KR-V6060  
S:Singapore made  
W:Malaysia made  
R:Mexico  
G:Germany  
K:USA  
P:Canada  
T:England  
E:Europe  
X:Australia  
M:Other Areas  
Y:PAF(East, Hawaii)  
Y:AAFE(Europe)  
L:Scandinavia  
Y:PAF(East, Hawaii)  
Y:AAFE(Europe)  
4:KR-694  
5:KR-V5560  
6:KR-V6060  
S:Singapore made  
W:Malaysia made  
R:Mexico  
G:Germany  
K:USA  
P:Canada  
T:England  
E:Europe  
X:Australia  
M:Other Areas  
Y:PAF(East, Hawaii)  
Y:AAFE(Europe)  
L:Scandinavia  
Y:PAF(East, Hawaii)  
Y:AAFE(Europe)

✱ New Parts  
Parts without Parts No. are not supplied.  
Les articles non mentionnés dans le Parts No. ne sont pas fournis.  
Teile ohne Parts No. werden nicht geliefert.

No.12

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 向備考
Q40		2SC2785(F,E)	TRANSISTOR	6
Q41	42	2SC1845(F,E)	TRANSISTOR	4
Q43	44	2SA992C(F,E)	TRANSISTOR	5
Q101	102	2SD2222BT	TRANSISTOR	6
Q101	102	2SD2225BT	TRANSISTOR	4
Q101	102	2SD2255BT	TRANSISTOR	5
Q103	104	2SB1470BT	TRANSISTOR	6
Q103	104	2SB1493BT	TRANSISTOR	4
Q103	104	2SB1493BT	TRANSISTOR	5
Q105	106	2SC4137F19(V,W)	TRANSISTOR	
Q107	108	2SD2255BT	TRANSISTOR	
Q109	110	2SB1493BT	TRANSISTOR	
Q111	112	2SC4137F19(V,W)	TRANSISTOR	
MAIN AMP UNIT(X07-278X-XX) : Y,M,X,E,T type				
C1	2	CC45FSL1H101J	100PF J	
C3	4	CK45FF1H103Z	CERAMIC 0.010UF Z	E
C5	8	CF92FV1H24J	MF 0.22UF J	YMTX
C7	8	CQ92FV1H104J	MYLAR 0.10UF J	
C9	12	CK45FF1H103Z	CERAMIC 0.010UF Z	
C13	16	CF92FV1H24J	MF 0.22UF J	E
C13	16	CQ92FV1H104J	MYLAR 0.10UF J	YMTX
C17	18	CK45FF1H103Z	CERAMIC 0.010UF Z	
C19	20	CC45FSL1H561J	CERAMIC 560PF J	E
C21		CE04LW0J221M	ELECTR 220UF 6.3WV	
C22		CE04LW1V47M	ELECTR 4.7UF 35WV	
C31	32	CK45FF1H103Z	CERAMIC 0.010UF Z	
C33	34	C90-3538-05	ELECTR 6800UF 71WV	6
C33	34	C90-3538-05	ELECTR 6800UF 71WV	4
C33	34	C90-3538-05	ELECTR 6800UF 63WV	5
C35		CE04LW1J100M	ELECTR 10UF 63WV	4
C35		CE04LW1J100M	ELECTR 10UF 63WV	5
C35		CE04LW2A100M	ELECTR 10UF 100WV	6
C36		CE04LW1J331M	ELECTR 330UF 63WV	4
C36		CE04LW1J331M	ELECTR 330UF 63WV	5
C36		CE04LW2A331M	ELECTR 330UF 100WV	6
C39	40	CK45FF1H102K	CERAMIC 1000UF 35WV	
C41	45	CE04LW1C470M	ELECTR 47UF 16WV	
C46		CK45FF1H103Z	CERAMIC 0.010UF Z	
C47	48	CK45FF2H104P	CERAMIC 0.010UF P	
C49		CK45FF1H103Z	CERAMIC 0.010UF Z	E
C50		CE04LW1J221M	ELECTR 220UF 63WV	
C51		CE04LW1V100M	ELECTR 10UF 35WV	
C52		CK45FF1H103Z	CERAMIC 0.010UF Z	E
C59	16	C91-1488-05	MF 6800PF 250VAC	
C60		CK45FF1H103Z	CERAMIC 0.010UF Z	
C61		CE04LW1E331M	ELECTR 330UF 25WV	
C62	63	CE04LW1A470M	ELECTR 47UF 10WV	
C65		CE04LW1V47M	ELECTR 4.7UF 35WV	
C70		CK45FF1H103Z	CERAMIC 0.010UF Z	
C71	74	CK45FF1H102K	CERAMIC 1000UF K	
C75	79	CK45FF1H472Z	4700PF Z	E
C81		CK45FF1H472Z	4700PF Z	E
C83		CK45FF1H103Z	CERAMIC 0.010UF Z	

4:KR-694  
5:KR-V5560  
6:KR-V6060  
S:Singapore made  
W:Malaysia made  
R:Mexico  
G:Germany  
K:USA  
P:Canada  
T:England  
E:Europe  
X:Australia  
M:Other Areas  
Y:PAF(East, Hawaii)  
Y:AAFE(Europe)  
L:Scandinavia  
Y:PAF(East, Hawaii)  
Y:AAFE(Europe)  
4:KR-694  
5:KR-V5560  
6:KR-V6060  
S:Singapore made  
W:Malaysia made  
R:Mexico  
G:Germany  
K:USA  
P:Canada  
T:England  
E:Europe  
X:Australia  
M:Other Areas  
Y:PAF(East, Hawaii)  
Y:AAFE(Europe)  
L:Scandinavia  
Y:PAF(East, Hawaii)  
Y:AAFE(Europe)

# KR-694/V5560/V6060

## PARTS LIST

\* New Parts  
 Parts without Parts No. are not supplied.  
 Les articles non mentionnés dans le Parts No. ne sont pas fournis.  
 Teile ohne Parts No. werden nicht geliefert.

No.15

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 国番号
D37 -40		ISS133	DIODE	
D41 -44		HSS104A	DIODE	
D41 -44		ISS131	DIODE	
D45 -52		HZS13N(B2)	ZENER DIODE	
D45 -52		RD13ES(B2)	ZENER DIODE	
D53 -56		HZS5.1N(B2)	ZENER DIODE	
D53 -56		RD5.1ES(B2)	ZENER DIODE	
D58 -59		HSS104	DIODE	
D58 -59		ISS133	DIODE	
D60 -61		HZS5.1N(B2)	ZENER DIODE	
D60 -61		RD5.1ES(B2)	ZENER DIODE	
D62 -63		HSS104	DIODE	
D62 -63		ISS133	DIODE	
IC1		NJM2279D	IC(V10E0 IC)	
Q1 -6		2SC1845(F,E)	TRANSISTOR	
Q7		2SA992(F,E)	TRANSISTOR	
Q8		2SA1534A(R,S)	TRANSISTOR	
Q9 -10		2SD2012	TRANSISTOR	
Q9 -10		2SD2061	TRANSISTOR	
Q9 -10		2SD2374	TRANSISTOR	
Q11		2SC1740S(Q,R)	TRANSISTOR	
Q11		2SC2785(F,E)	TRANSISTOR	
Q12		2SA1175(F,E)	TRANSISTOR	
Q12		2SA935(Q,R)	TRANSISTOR	
Q13		2SC1740S(Q,R)	TRANSISTOR	
Q13		2SC2785(F,E)	TRANSISTOR	
Q14		2SA1175(F,E)	TRANSISTOR	
Q14 -23		2SA935(Q,R)	TRANSISTOR	
Q21 -23		2SC1740S(Q,R)	TRANSISTOR	
Q21 -23		2SC2785(F,E)	TRANSISTOR	
Q24		2SC1740S(Q,R)	TRANSISTOR	
Q24		2SC2785(F,E)	TRANSISTOR	
Q25		2SC3940A(R,S)	TRANSISTOR	
Q26		2SC2003(L,N)	TRANSISTOR	
Q31		2SA1175(F,E)	TRANSISTOR	
Q31		2SA935(Q,R)	TRANSISTOR	
Q32		2SC1740S(Q,R)	TRANSISTOR	
Q32		2SC2785(F,E)	TRANSISTOR	
Q33		2SA1175(F,E)	TRANSISTOR	
Q33		2SA935(Q,R)	TRANSISTOR	
Q34		2SC1740S(Q,R)	TRANSISTOR	
Q34		2SC2785(F,E)	TRANSISTOR	
Q35 -36		2SC1845(F,E)	TRANSISTOR	
Q37 -38		2SA992(F,E)	TRANSISTOR	
Q39		2SA1175(F,E)	TRANSISTOR	
Q39		2SA935(Q,R)	TRANSISTOR	
Q40		2SC1740S(Q,R)	TRANSISTOR	
Q40		2SC2785(F,E)	TRANSISTOR	
Q41 -42		2SC1845(F,E)	TRANSISTOR	
Q43 -44		2SA992(F,E)	TRANSISTOR	
Q101,102		2SD2228T	TRANSISTOR	
Q101,102		2SD2258T	TRANSISTOR	
Q103,104		2SB14706T	TRANSISTOR	
Q103,104		2SB14936T	TRANSISTOR	

L:Scandinavia  
 Y:PK(Far East, Hawaii)  
 Y:AFES(Europe)  
 K:USA  
 P:Canada  
 R:Mexico  
 S:Singapore made  
 W:Malaysia made  
 4:KR-694  
 5:KR-V5560  
 6:KR-V6060  
 indicates safety critical components

\* New Parts  
 Parts without Parts No. are not supplied.  
 Les articles non mentionnés dans le Parts No. ne sont pas fournis.  
 Teile ohne Parts No. werden nicht geliefert.

No.14

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 国番号
R71		RD14NB2E101J	100 J 1/4W	
R76		RS14KB30271J	270 J 2W	
R77		FL-PROOF RS	270 J 2W	
R78 -79		FL-PROOF RS	270 J 2W	
R80		RD14NB2E180J	18 J 1/4W	
R81		RD	6.8K J 1/4W	
R91 -92		RD14NB2E470J	47 J 1/4W	
R128		RD14NB2E185J	1.5 J 1/4W	
R170,171		FL-PROOF RS	390 J 1W	
V81 -4		TRIMMING POT. (2.2K)		
K1 -2		MAGNETIC RELAY		
K1 -2		MAGNETIC RELAY		
K1 -2		MAGNETIC RELAY		
K1 -2		MAGNETIC RELAY		
K3		MAGNETIC RELAY		
K4		MAGNETIC RELAY		
K4		MAGNETIC RELAY		
K5		MAGNETIC RELAY		
S1		SLIDE SWITCH		
S2		SLIDE SWITCH		
D1 -5		HSS104A	DIODE	
D1 -5		ISS131	DIODE	
D6		HZS5.1N(B2)	ZENER DIODE	
D6		RD5.1ES(B2)	ZENER DIODE	
D7		D5SBA20F03	DIODE	
D7		RBV-602LFA	DIODE	
D8		D5SBA20F03	DIODE	
D9 -12		SS6888	DIODE	
D9 -12		1SR139-100	DIODE	
D13		HZS6.2N(B2)	ZENER DIODE	
D13		RD6.2ES(B2)	ZENER DIODE	
D14		HZS6.2N(B2)	ZENER DIODE	
D14		RD6.2ES(B2)	ZENER DIODE	
D15		HZS2.7N(B2)	ZENER DIODE	
D15		RD2.7ES(B2)	ZENER DIODE	
D16 -17		SS6888	DIODE	
D16 -17		1SR139-100	DIODE	
D18 -19		HZS16N(B2)	ZENER DIODE	
D18 -19		RD16ES(B2)	ZENER DIODE	
D21 -23		HSS104	DIODE	
D21 -23		ISS133	DIODE	
D24		HSS104	DIODE	
D24		ISS133	DIODE	
D25 -27		SS6888	DIODE	
D25 -27		1SR139-100	DIODE	
D25 -27		HSS104	DIODE	
D25 -27		ISS133	DIODE	
D28 -29		HSS104A	DIODE	
D28 -29		ISS131	DIODE	
D30 -33		SS6888	DIODE	
D30 -33		1SR139-100	DIODE	
D34		HZS6.2N(B2)	ZENER DIODE	
D34		RD6.2ES(B2)	ZENER DIODE	
D35		HSS104	DIODE	
D35		ISS133	DIODE	
D37 -40		HSS104	DIODE	

L:Scandinavia  
 Y:PK(Far East, Hawaii)  
 Y:AFES(Europe)  
 K:USA  
 P:Canada  
 R:Mexico  
 S:Singapore made  
 W:Malaysia made  
 4:KR-694  
 5:KR-V5560  
 6:KR-V6060  
 indicates safety critical components

# KR-694/V5560/V6060

## PARTS LIST

## New Parts

Parts without Parts No. are not supplied.  
Les articles non mentionnés dans le Parts No. ne sont pas fournis.  
teile ohne Parts No. werden nicht geliefert.

No. 19

Ref. No. 参照番号	Address 位置	New Parts 新部品	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 向備考	Re- marks 備考
Q39, 40			RS1134A	DIODE		
Q39, 40			RS1131	DIODE		6
Q41			RS2647N(P2)	ZENER DIODE		6
Q41			RS2647N(P2)	ZENER DIODE		
Q42			RS1134A	DIODE		
Q42			RS1131	DIODE		
Q51			RS2647N(P2)	ZENER DIODE		
Q51			RS51ES(B2)	ZENER DIODE		
Q52			RS2108(B2)	ZENER DIODE		
Q52			RS10ES(B2)	ZENER DIODE		
Q61 - 66			RS1104	DIODE		
Q61 - 66			RS1131	DIODE		
Q301			RS2647N(P2)	ZENER DIODE		
Q301			RS51ES(B2)	ZENER DIODE		
IC1			NJM4580D-U	IC(OP AMP X2)		
IC2			NIP7513L	IC(ANALOG SWITCH)		
IC3			NIP7514L	IC(ANALOG SWITCH)		
IC4			LA2785	IC(DOLBY PRO LOGIC DECODER IC)		
IC5			LV1910	DI. BT-POLAR IC		
IC6			NJM4580D-U	IC(OP AMP X2)		
IC7, 6						
IC9			TAB409S	IC(MOTOR CONTROL)		
IC11, 12			NJM4581	IC(OP AMP X2)		
IC201			TOA7330B	IC(CROSS DEMODULATOR)		
IC202			IC6843HR4600	IC		
Q1, 2			DT124ES	DIGITAL TRANSISTOR		
Q1, 2			UN4212	TRANSISTOR		
Q4			DT124ES	DIGITAL TRANSISTOR		
Q4			UN4212	TRANSISTOR		
Q11 - 14			2SA992(F,E)	TRANSISTOR		
Q15 - 18			2SC2631(R,S)	TRANSISTOR		
Q19, 20			2SA1123(R,S)	TRANSISTOR		
Q33 - 36			2SA992(F,E)	TRANSISTOR		
Q37 - 40			2SC2631(R,S)	TRANSISTOR		
Q41, 42			2SA1123(R,S)	TRANSISTOR		
Q43			2SA933S(Q,R)	TRANSISTOR		
Q44 - 47			2SC2678(B)	TRANSISTOR		
Q48			2SC1740S(Q,R)	TRANSISTOR		
Q48			2SC2785(F,E)	TRANSISTOR		
Q49			DT124ES	DIGITAL TRANSISTOR		
Q49			UN4212	TRANSISTOR		
Q51 - 52			2SC1740S(Q,R)	TRANSISTOR		
Q51 - 52			2SC2785(F,E)	TRANSISTOR		
Q53			2SC3940A(R,S)	TRANSISTOR		
Q54			2SC2785(B)	TRANSISTOR		
DISPLAY UNIT(X14-388X-XX)						
Q41, 42			R30-2430-05	LED		6
Q43			R30-2461-05	LED(RED, 57M)		6
Q46			R30-2430-05	LED		5
Q48			R30-2461-05	LED(RED, 57M)		5
Q49			R30-2461-05	LED(RED, 57M)		4
C1			C90-3224-05	ELECTRO	4.7UF 16V	
C2			C90-3253-05	ELECTRO	1UF 50V	
C3			C90-1827-05	HACKUP	0.047F 5.5V	
C4			C6041W1A10M	ELECTRO	100UF 10V	
C5, 6			C6041W1V47M	ELECTRO	4.7UF 35V	

L:Scandinavia	K:USA	P:Canada	R:Mexico	S:Singapore made	4:KR-694
Y:PA(Far East, Hawaii)	T:England	E:Europe	G:Germany	W:Malaysia made	5:KR-V5560
Y:AF(S:Europe)	X:Australia	M:Other Areas			6:KR-V8060

A indicates safety critical components

## New Parts

Parts without Parts No. are not supplied.  
Les articles non mentionnés dans le Parts No. ne sont pas fournis.  
Teile ohne Parts No. werden nicht geliefert.

No. 18

Ref. No. 参照番号	Address 位 置	Partis No. 部 品 番 号	Description 部 品 名 / 規 格	Desti- nation 仕 向	Re- marks 備 考
C205		CE04LW1C101M	ELECTRØ 100UF	16WV	
C207		CK45FE1H103Z	CERAMIC 0.010UF	Z	
C208, 209		CK45FE1H47Z	CERAMIC 0.047UF	Z	
C210, 213		CK45FE1H105	CERAMIC 330PF	K	
C220-222		CE04LW1V47M	ELECTRØ 4.7UF	35WV	
C223		C90-3247-05	ELECTRØ 470F	35WV	
C301		CF92FV1H271K	MF 270PF	K	
C302		CE04LW1V100M	ELECTRØ 100F	35WV	
C303, 304		CK45FE1H103Z	CERAMIC 0.010UF	Z	
C305		CE04LW1V100M	ELECTRØ 100F	35WV	
C306, 307		CC45FC1H1270J	CERAMIC 27PF	J	
C308		CE04LW1V100M	ELECTRØ 100F	35WV	
C309, 310		CK45FE1H103Z	CERAMIC 0.010UF	Z	
C311		CE04LW1V470M	ELECTRØ 4.7UF	35WV	
C312		CK45FE1H103Z	CERAMIC 0.010UF	Z	
J1, 2		163-0067-15	PHONO JACK		
J3		163-0068-15	PHONO JACK		
L1		L40-1001-17	SMALL FIXED INDUCTOR(100H, K)		
L201, 202		L40-1001-17	SMALL FIXED INDUCTOR(100H, K)		
L203-205		L40-1091-17	SMALL FIXED INDUCTOR(100H, K)		
X1		L78-0230-05	RESONATOR (8MHZ)		
X201		L77-2002-05	CRYSTAL RESONATOR(4.332MHZ)		
X202		L78-0503-05	RESONATOR (4.00MHZ)		
R51		RN14BK2C3902F	RN 39.0K	F 1/6W	
R54		RO14NBZE1S0J	RD 15	J 1/4W	
R87		RO14NBZE1S0J	RD 15	J 1/4W	
R93, 94		RO14NBZE6R2J	RD 8.2	J 1/4W	
R115, 116		RO14NBZE221J	RD 220	J 1/4W	
R121, 122		RO14NBZE331J	RD 330	J 1/4W	
R123, 124		RO14NBZE221J	RD 220	J 1/4W	
R153, 154		RO14NBZE221J	RD 220	J 1/4W	
R159, 160		RO14NBZE221J	RD 220	J 1/4W	
R161, 162		RO14NBZE331J	RD 330	J 1/4W	
R213		RO14NB2C102J	RD 1.0K	J 1/6W	
R217, 218		RO14NBZE100J	RD 10	J 1/4W	
R309		RS14KB3031J	FL-PROOF RS 330	J 2W	
VR1		R29-5087-05	POTENTIOMETER(100KX4)		
VR1		R29-5088-05	POTENTIOMETER(100KX4)		
VR1		R29-5088-05	POTENTIOMETER(100KX4)		
VR2		R05-5060-05	POTENTIOMETER(200K)		
VR3		R12-1617-05	TRIMMING POT.(2.2K)		
D3 -10		HSS104	DIODE		
D3 -10		ISS133	DIODE		
D11		HZS5.1N(B2)	ZENER DIODE		
D11		R05.1ES(B2)	ZENER DIODE		
D21, 22		HSS104	DIODE		
D21, 22		ISS133	DIODE		
D23, 24		HSS104A	DIODE		
D23, 24		ISS131	DIODE		
D25, 26		S5688	DIODE		
D25, 26		1SR139-100	DIODE		
D27, 28		HSS104	DIODE		
D27, 28		ISS133	DIODE		

LS:Scandinavia	K:USA	P:Canada	R:Vienna	S:Singapore made	4:KR-694
Y:PE/AF/East. Ha:ai)	T:England	E:Europe	G:Germany	W:Malaysia made	5:KR-V5560
Y:AF/SE(Europe)	X:Australia	M:Other Areas			6:KR-V6060

*A* indicates safety critical components

# KR-694/V5560/V6060

## PARTS LIST

\* New Parts  
Parts without Parts No. are not supplied.  
Les articles sans numéro de pièce ne sont pas fournis.  
Teile ohne Parts No. werden nicht geliefert.

No.17

Ref. No. 参照番号	Address 位 置	Parts No. 部品番号	Description 部 品 名 / 規 格	Desti- nation 仕 向	Remarks 備考
C79 ,82		CE04LW1V100M	ELECTRØ 100F 35WV		
C83		CE04LW1A221M	ELECTRØ 220UF 10WV		
C84		C092FM1H473J	MYLAR 0.047UF J		
C85		C092FM1H223J	MYLAR 0.022UF J		
C86		CE04LW1C470M	ELECTRØ 47UF 16WV		
C87		CE04LW1A101M	ELECTRØ 100UF 10WV		
C89		CK45FBIH102K	CERAMIC 1000PF K		
C91		CK45FBIH232	CERAMIC 0.022UF Z		
C92		CE04LW1C470M	ELECTRØ 47UF 16WV		
C93		C092FM1H104J	MYLAR 0.10UF J		
C95		C91-0757-05	CERAMIC 1000PF K		
C96		CF92FV1H481J	MF 480PF J		
C97 ,98		CE04LW1V100M	ELECTRØ 100F 35WV		
C99 ,100		CE04LW1H010M	ELECTRØ 1.0UF 50WV		
C101 ,102		C91-0749-05	CERAMIC 220PF K		
C103 ,104		C91-0729-05	CERAMIC 22PF J	TE	
C105 ,106		C91-0745-05	CERAMIC 100PF K		
C107 ,108		C91-0737-05	CERAMIC 47PF J		
C109 ,110		CE04LW1V100M	ELECTRØ 100F 35WV		
C120		C91-0755-05	CERAMIC 680PF K		
C121 ,122		C91-0735-05	CERAMIC 39PF J	TE	
C123 ,124		CE04LW1V100M	ELECTRØ 100F 35WV		
C125 ,126		C91-0749-05	CERAMIC 220PF K		
C127 ,128		CE04LW1A101M	ELECTRØ 100UF 10WV		
C129 ,130		C91-0757-05	CERAMIC 1000PF K		
C131 ,132		C092FM1H123J	MYLAR 0.012UF J		
C133 ,134		C092FM1H332J	MYLAR 3300PF J		
C135 ,136		CE04LW1V47M	ELECTRØ 4.7UF 35WV	TE	
C137 ,138		C91-0745-05	CERAMIC 100PF K		
C139		CF92FV1H2A103J	MYLAR 0.010UF J		
C151		C90-3253-05	ELECTRØ 1UF 50WV		
C152		CE04LW1H010M	ELECTRØ 1.0UF 50WV		
C153 ,154		CC45FSLIH221J	CERAMIC 220PF J		
C155-158		CC45FSLIH101J	CERAMIC 100PF J		
C159		C90-3222-05	ELECTRØ 100UF 10WV	XPMXYR	
C160		CE04LW1A101M	ELECTRØ 100UF 10WV		
C161 ,162		CC45FSLIH100D	CERAMIC 10PF D		
C163 ,164		CE04LW2A010M	ELECTRØ 1.0UF 100WV		
C165 ,166		CC45FSLIH221J	CERAMIC 220PF J		
C167 ,168		CC45FSLIH020C	CERAMIC 2.0PF C		
C169 ,170		CC45FSLIH070C	CERAMIC 7.0PF C		
C171 ,172		CC45FSLIH330J	CERAMIC 33PF J		
C173		CE04LW1C470M	ELECTRØ 47UF 16WV		
C174		CE04LW1C220M	ELECTRØ 22UF 16WV		
C181 ,182		CE04LW1H010M	ELECTRØ 1.0UF 50WV		
C183 ,184		CC45FSLIH221J	CERAMIC 220PF J		
C185-188		CC45FSLIH101J	CERAMIC 100PF J		
C189 ,190		CE04LW1A470M	ELECTRØ 47UF 10WV		
C191 ,192		CC45FSLIH680J	CERAMIC 68PF J		
C193 ,194		CC45FSLIH221J	CERAMIC 220PF J		
C195 ,196		CC45FSLIH020C	CERAMIC 2.0PF C		
C197 ,198		CC45FSL2H680J	CERAMIC 68PF J		
C200		CE04LW1C220M	ELECTRØ 22UF 16WV		
C201 ,202		CE04LW1V100M	ELECTRØ 100F 35WV		
C203 ,204		C092FM1H333J	MYLAR 0.033UF J		

L:Scandinavia  
Y:FX(Far East, Hawaii)  
Y:AFES(Europe)

K:USA  
T:England  
X:Australia

P:Canada  
E:Europe  
M:Other Areas

R:Mexico  
G:Germany

S:Singapore made  
W:Malaysia made

4:KR-694  
5:KR-V5560  
6:KR-V6060

⚠ indicates safety critical components

\* New Parts  
Parts without Parts No. are not supplied.  
Les articles sans numéro de pièce ne sont pas fournis.  
Teile ohne Parts No. werden nicht geliefert.

No.16

Ref. No. 参照番号	Address 位 置	Parts No. 部品番号	Description 部 品 名 / 規 格	Desti- nation 仕 向	Remarks 備考
Q103 ,104		Z5B1493BT	TRANSISTØR		5
Q105 ,106		Z5C4137F19(V,W)	TRANSISTØR		
Q107 ,108		Z5D2255BT	TRANSISTØR		
Q109 ,110		Z5B1493BT	TRANSISTØR		
Q111 ,112		Z5C4137F19(V,W)	TRANSISTØR		
AUDIO UNIT(X09-394X-XX)					
C1 ,4		C91-0749-05	CERAMIC 220PF K	TE	
C5 ,6		C91-0749-05	CERAMIC 220PF K		
C7 ,8		C91-0749-05	CERAMIC 220PF K	TE	
C9 ,10		C91-0749-05	CERAMIC 220PF K		
C11 ,12		C91-0749-05	CERAMIC 220PF K	TE	
C13 ,14		C91-0749-05	CERAMIC 220PF K		
C15 ,16		C91-0749-05	CERAMIC 220PF K	TE	
C17 ,18		CE04LW1H010M	ELECTRØ 1.0UF 50WV		
C19 ,20		C91-0749-05	CERAMIC 220PF K		
C21 ,22		C91-0729-05	CERAMIC 22PF J		
C23 ,24		CE04LW1C220M	ELECTRØ 22UF 16WV		
C25 ,26		CE04LW1C470M	ELECTRØ 47UF 16WV		
C27 ,28		CC45FSLIH101J	CERAMIC 100PF J		
C29		CK45FFIH4722	CERAMIC 4700PF Z		
C30 ,31		CK45FFIH1032	CERAMIC 0.010UF Z		
C32 ,33		CE04LW1C220M	ELECTRØ 22UF 16WV		
C34		CK45FBIH102K	CERAMIC 1000PF K		
C41		C092FM1H103J	MYLAR 0.010UF J		
C42		C092FM1H222J	MYLAR 2200PF J		
C43		CE04LW1A221M	ELECTRØ 220UF 10WV		
C44		C092FM1H333J	MYLAR 0.033UF J		
C45		C092FM1H152J	MYLAR 1500PF J		
C46		C092FM1H333J	MYLAR 0.033UF J		
C47		CF92FV1H105J	MF 1.0UF J		
C48		CE04LW1A221M	ELECTRØ 220UF 10WV		
C49		CE04LW1V100M	ELECTRØ 100F 35WV		
C50		CE04LW1H2R2M	ELECTRØ 2.2UF 50WV		
C51		CE04LW1V100M	ELECTRØ 100F 35WV		
C53		CE04LW1V100M	ELECTRØ 100F 35WV		
C55		CF92FV1H824J	MF 0.82UF J		
C56		CF92FV1H474J	MF 0.47UF J		
C57		CE04LW1A470M	ELECTRØ 47UF 10WV		
C58 ,59		C092FM1H404J	MYLAR 0.10UF J		
C60		CE04LW1H47M	ELECTRØ 0.47UF 50WV		
C61		CE04LW1V47M	ELECTRØ 4.7UF 35WV		
C62		CE04LW1H47M	ELECTRØ 0.47UF 50WV		
C63		CE04LW1V47M	ELECTRØ 4.7UF 35WV		
C64		CF92FV1H154J	MF 0.15UF J		
C65		CE04LW1H3R3M	ELECTRØ 3.3UF 50WV		
C66 ,67		CF92FV1H154J	MF 0.15UF J		
C68		CE04LW1H3R3M	ELECTRØ 3.3UF 50WV		
C69		CF92FV1H154J	MF 0.15UF J		
C70		CE04LW1V47M	ELECTRØ 4.7UF 35WV		
C71		CE04LW1H47M	ELECTRØ 0.47UF 50WV		
C72		CE04LW1V47M	ELECTRØ 4.7UF 35WV		
C73		CE04LW1H47M	ELECTRØ 0.47UF 50WV		
C74 ,75		C092FM1H104J	MYLAR 0.10UF J		
C76 ,77		CE04LW1H010M	ELECTRØ 1.0UF 50WV		
C78		CE04LW1A221M	ELECTRØ 220UF 10WV		

L:Scandinavia  
Y:FX(Far East, Hawaii)  
Y:AFES(Europe)

K:USA  
T:England  
X:Australia

P:Canada  
E:Europe  
M:Other Areas

R:Mexico  
G:Germany

S:Singapore made  
W:Malaysia made

4:KR-694  
5:KR-V5560  
6:KR-V6060

⚠ indicates safety critical components

# KR-694/V5560/V6060

## PARTS LIST

★ New Parts  
Parts without Parts No. are not supplied.  
Les articles non mentionnés dans le Parts No. ne sont pas fournis.  
Teile ohne Parts No. werden nicht geliefert.

No.21

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
IC1		UPD78044GF-075	MI-COM IC	TE	
IC2		S-80740AL	IC(VOLTAGE DETECTOR).		
IC3		NIM4580D-D	IC(OP AMP X2)		
Q1 ,2		2SC1740S(Q,R)	TRANSISTOR		
Q1 ,2		2SC778S(F,E)	TRANSISTOR		
Q3		2SA117S(F,E)	TRANSISTOR	YM	
Q3		2SA933S(Q,R)	TRANSISTOR	YM	
Q5 ,6		2SC1740S(Q,R)	TRANSISTOR		
Q5 ,6		2SC278S(F,E)	TRANSISTOR		
Q7		2SC164S(F,E)	TRANSISTOR		
Q8		DTA124LS	DIGITAL TRANSISTOR		
Q8		UN4112	TRANSISTOR		
Q9		DTC124ES	DIGITAL TRANSISTOR		
Q9		UN4212	TRANSISTOR		
A1		W02-1046-05	ELECTRIC CIRCUIT MODULE		
A1		W02-1153-05	ELECTRIC CIRCUIT MODULE		
A1		W02-1174-05	ELECTRIC CIRCUIT MODULE		

4-KR-694  
5-KR-V5560  
6-KR-V6060  
S:Singapore made  
W:Malaysia made  
P:Canada  
R:Mexico  
E:Europe  
G:Germany  
T:England  
X:Australia  
M:Other Areas  
△ indicates safety critical components

★ New Parts  
Parts without Parts No. are not supplied.  
Les articles non mentionnés dans le Parts No. ne sont pas fournis.  
Teile ohne Parts No. werden nicht geliefert.

No.20

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
C7		C90-3211-05	ELECTR0		
C8		CE04LW1H30M	ELECTR0		
C9		C91-0769-05	CERAMIC		
C10		C91-0765-05	0.020UF K		
C11		C91-0769-05	0.010UF K		
C12 ,13		C092FM1H023J	MYLAR		
C12		C90-3212-05	0.022UF J		
C15		C91-0769-05	470UF J		
C15		C91-0769-05	0.010UF K		
C21 ,22		CC40FSLH22J	CERAMIC		
C23 ,24		CE04LW1H30M	ELECTR0		
C25 ,26		C092FM1H563J	MYLAR		
C27		CE04LW1H010M	ELECTR0		
C28		C90-3228-05	ELECTR0		
C29 ,30		C91-0737-05	47PF J		
C31 ,32		C91-0754-05	560PF J		
C33		C90-3253-05	1UF		
C37 ,38		C90-3224-05	4.7UF		
C39		C90-3225-05	100UF		
C40		CE04LW1V100M	ELECTR0		
C41 ,42		CE92FV1H393J	MF		
C43 ,44		CE04LW1E470M	ELECTR0		
X1		78-0267-05	RESONATOR (4.194MHZ)		
CP1		P90-0492-05	MULTI-COMP		
CP2		P90-0832-05	MULTI-COMP		
CP4		P90-0856-05	MULTI-COMP		
R22 ,23		R01-4NB2E21J	R0		
R69 ,70		R01-4NB2E12J	R0		
VR1 ,2		R10-5076-05	POTENTIOMETER(100K X2)		
SI -35		S40-1064-05	PUSH SWITCH		
S36 -38		S40-1064-05	PUSH SWITCH		
S40		T99-0547-05	ENCODER (INPUT SELECTOR)		
D1 -20		HSS104	DIODE		
D1 -20		HSS133	DIODE		
D25		H256-2N(B2)	ZENER DIODE		
D25		H06-2ES(B2)	ZENER DIODE		
D26		H252-7N(B2)	ZENER DIODE		
D26		H02-7ES(B2)	ZENER DIODE		
D27		HZS11N(B2)	ZENER DIODE		
D32		R011ES(B2)	ZENER DIODE		
D32		HSS104	DIODE		
D32		HSS133	DIODE		
D33		HSS104	DIODE		
D33		HSS133	DIODE		
D34		HSS104	DIODE		
D34		HSS133	DIODE		
D35		HSS104	DIODE		
D35		HSS133	DIODE		
D36		HSS104	DIODE		
D36		HSS133	DIODE		
E01		11-MT-926K	INDICATOR TUPE		
IC1		UPD78043GF-073	MI-COM IC		

4-KR-694  
5-KR-V5560  
6-KR-V6060  
S:Singapore made  
W:Malaysia made  
P:Canada  
R:Mexico  
E:Europe  
G:Germany  
T:England  
X:Australia  
M:Other Areas  
△ indicates safety critical components

# KR-694/V5560/V6060

## SPECIFICATIONS

For U.S.A and Canada (KR-694/V5560)

### Audio section

Rated power output at the STEREO operation

70 watts per channel minimum RMS, both channels driven at 8  $\Omega$ , from 20 Hz to 20,000 Hz with no more than 0.06 % total harmonic distortions. (FTC)

Power output at the Surround operation

Front (1 kHz, 0.9 % T.H.D. at 8  $\Omega$ ) ..... 70 W + 70 W  
Center (1 kHz, 0.9 % T.H.D. at 8  $\Omega$ ) ..... 70 W  
Rear (1 kHz, 0.9 % T.H.D. at 8  $\Omega$ ) ..... 20 W + 20 W

Total harmonic distortion (1 kHz, 8  $\Omega$ ) ..... 0.03 % at 50 W

Signal to noise ratio (IHF A)

PHONO (MM) ..... 75 dB  
CD, TAPE, VIDEO ..... 100 dB

Input sensitivity / impedance

PHONO (MM) ..... 2.5 mV / 47 k $\Omega$   
CD, TAPE, VIDEO ..... 200 mV / 47 k $\Omega$

Tone controls

BASS .....  $\pm 10$  dB (at 100 Hz)  
TREBLE .....  $\pm 10$  dB (at 10 kHz)  
Loudness control at - 30 dB level ..... + 6 dB (100 Hz)

### Video section

VIDEO inputs / outputs (Composite) ..... 1 Vp - p / 75  $\Omega$

### FM Tuner section

Tuning frequency range ..... 87.5 MHz ~ 108 MHz  
Usable sensitivity (IHF) ..... 13.2 dBf (1.2  $\mu$ V at 75  $\Omega$ )  
50 dB quieting sensitivity  
STEREO ..... 41.2 dBf (3.2  $\mu$ V at 75  $\Omega$ )  
Total harmonic distortion at 1 kHz  
MONO ..... 0.6 %  
STEREO ..... 0.7 %  
Signal to noise ratio at 65 dBf (IHF)  
MONO ..... 75 dB  
STEREO ..... 68 dB  
Selectivity (IHF  $\pm 400$  kHz) ..... 50 dB  
Stereo separation (IHF at 1 kHz) ..... 40 dB  
Frequency response ..... 30 Hz ~ 15 kHz, + 0.5 dB, - 3.0 dB

### AM Tuner section

Tuning frequency range ..... 530 kHz ~ 1,700 kHz  
Usable sensitivity ..... 12  $\mu$ V / (500  $\mu$ V / m)  
Total harmonic distortion ..... 0.7 %  
Signal to noise ratio ..... 48 dB  
Selectivity ..... 30 dB

### General

Power consumption ..... 3 A  
AC outlet  
SWITCHED ..... 2: (total 200 W, 1.6 A max.)  
Dimensions ..... W: 440 mm (17-5/16")  
H: 143 mm (5-5/8")  
D: 334 mm (13-1/8")  
Weight (net) ..... 9.5 kg (20.9 lb)

For other countries (KR-694/V5560)

### Audio section

Rated power output at the STEREO operation

(EIAJ) 1 kHz, 10 % T.H.D., at 8  $\Omega$  ..... 100 W + 100 W  
(IHF '66) from 20 Hz to 20 kHz,  
0.06% T.H.D., at 8  $\Omega$  ..... 70 W + 70 W

Power output at the Surround operation

Front (1 kHz, 0.9 % T.H.D. at 8  $\Omega$ ) ..... 70 W + 70 W  
Center (1 kHz, 0.9 % T.H.D. at 8  $\Omega$ ) ..... 70 W  
Rear (1 kHz, 0.9 % T.H.D. at 8  $\Omega$ ) ..... 20 W + 20 W

Total harmonic distortion ..... (1 kHz, 8  $\Omega$ ) 0.03 % at 50 W

Signal to noise ratio (IHF'66)

PHONO (MM) ..... 75 dB  
CD, TAPE, VIDEO ..... 100 dB

Input sensitivity / impedance

PHONO (MM) ..... 2.5 mV / 47 k $\Omega$   
CD, TAPE, VIDEO ..... 200 mV / 47 k $\Omega$

Tone controls

BASS .....  $\pm 10$  dB (at 100 Hz)  
TREBLE .....  $\pm 10$  dB (at 10 kHz)  
Loudness control at - 30 dB level ..... + 6 dB (100 Hz)

### Video section

VIDEO inputs / outputs (Composite) ..... 1 Vp - p / 75  $\Omega$

### FM Tuner section

Tuning frequency range ..... 87.5 MHz ~ 108 MHz  
Usable sensitivity (IHF) ..... 13.2 dBf (1.2  $\mu$ V at 75  $\Omega$ )  
50 dB quieting sensitivity  
STEREO ..... 41.2 dBf (3.2  $\mu$ V at 75  $\Omega$ )  
Total harmonic distortion at 1 kHz  
MONO ..... 0.6 %  
STEREO ..... 0.7 %  
Signal to noise ratio at 65 dBf (IHF)  
MONO ..... 75 dB  
STEREO ..... 68 dB  
Selectivity (IHF  $\pm 400$  kHz) ..... 50 dB  
Stereo separation (IHF at 1 kHz) ..... 40 dB  
Frequency response ..... 30 Hz ~ 15 kHz, + 0.5 dB, - 3.0 dB

### AM Tuner section

Tuning frequency range  
9 kHz ..... 531 kHz ~ 1,602 kHz  
10 kHz ..... 530 kHz ~ 1,610 kHz  
Usable sensitivity ..... 12  $\mu$ V / (500  $\mu$ V / m)  
Total harmonic distortion ..... 0.7 %  
Signal to noise ratio ..... 48 dB  
Selectivity ..... 30 dB

### General

Power consumption ..... 260 W  
AC outlet  
SWITCHED ..... 2: (total 200 W max.)  
(Except for Australia)  
Dimensions ..... W: 440 mm  
H: 143 mm  
D: 334 mm  
Weight (net) ..... 9.5 kg

Note : KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

# KR-694/V5560/V6060

## SPECIFICATIONS

U.S.A., Mexico and Canada(KR-V6060)

### Audio section

#### Rated power output at the STEREO operation

100 watts per channel minimum RMS, both channels driven at 8  $\Omega$ , from 20 Hz to 20,000 Hz with no more than 0.06% total harmonic distortions. (FTC)

#### Power output at the Surround operation

Front (1 kHz, 0.9% T.H.D. at 8  $\Omega$ ) ..... 70 W + 70 W  
Center (1 kHz, 0.9% T.H.D. at 8  $\Omega$ ) ..... 70 W  
Rear (1 kHz, 0.9% T.H.D. at 8  $\Omega$ ) ..... 20 W + 20 W

Total harmonic distortion (1 kHz, 8  $\Omega$ ) ..... 0.03% at 50 W

#### Signal to noise ratio (IHF A)

PHONO (MM) ..... 75 dB  
CD, TAPE, VIDEO ..... 100 dB

#### Input sensitivity / impedance

PHONO (MM) ..... 2.5 mV / 47 k $\Omega$   
CD, TAPE, VIDEO ..... 200 mV / 47 k $\Omega$

#### Tone controls

BASS .....  $\pm 10$  dB (at 100 Hz)  
TREBLE .....  $\pm 10$  dB (at 10 kHz)  
Loudness control at - 30 dB level ..... + 8 dB (100 Hz)

### Video section

VIDEO inputs / outputs(Composite) ..... 1 Vp-p / 75  $\Omega$

### FM Tuner section

Tuning frequency range ..... 87.5 MHz~108 MHz  
Usable sensitivity (IHF) ..... 13.2 dBf (1.2  $\mu$ V at 75  $\Omega$ )  
50 dB quieting sensitivity  
STEREO ..... 41.2 dBf (3.2  $\mu$ V at 75  $\Omega$ )  
Total harmonic distortion at 1 kHz  
MONO ..... 0.6%  
STEREO ..... 0.7%  
Signal to noise ratio at 65 dBf (IHF)  
MONO ..... 75 dB  
STEREO ..... 68 dB  
Selectivity (IHF  $\pm 400$  kHz) ..... 50 dB  
Stereo separation (IHF at 1 kHz) ..... 40 dB  
Frequency response ..... 30 Hz~15 kHz, +0.5 dB, - 3.0 dB

### AM Tuner section

Tuning frequency range ..... 530 kHz~1,700 kHz  
Usable sensitivity ..... 12  $\mu$ V / (500  $\mu$ V / m)  
Total harmonic distortion ..... 0.7 %  
Signal to noise ratio ..... 48 dB  
Selectivity ..... 30 dB

### General

Power consumption ..... 3 A  
AC outlet  
SWITCHED ..... 2: (total 200 W, 1.6 A max.)  
Dimensions ..... W: 440 mm (17-5/16")  
H: 143 mm (5-5/8")  
D: 334 mm (13-1/8")  
Weight (net) ..... 9.5 kg (20.9 lb)

Other countries(KR-V6060)

### Audio section

#### Rated power output at the STEREO operation

(EIAJ) 1 kHz, 10 % THD at 8  $\Omega$  ..... 135 W + 135 W  
(IHF '66) from 20 Hz to 20 kHz,  
0.06% T.H.D., at 8  $\Omega$  ..... 100 W + 100 W

#### Power output at the Surround operation

Front (1 kHz, 0.9% T.H.D. at 8  $\Omega$ ) ..... 70 W + 70 W  
Center (1 kHz, 0.9% T.H.D. at 8  $\Omega$ ) ..... 70 W  
Rear (1 kHz, 0.9% T.H.D. at 8  $\Omega$ ) ..... 20 W + 20 W

Total harmonic distortion (1 kHz, 8  $\Omega$ ) 0.03% at 50 W

#### Signal to noise ratio (IHF'66)

PHONO (MM) ..... 75 dB  
CD, TAPE, VIDEO ..... 100 dB

#### Input sensitivity / impedance

PHONO (MM) ..... 2.5 mV / 47 k $\Omega$   
CD, TAPE, VIDEO ..... 200 mV / 47k $\Omega$

#### Tone controls

BASS .....  $\pm 10$  dB (at 100 Hz)  
TREBLE .....  $\pm 10$  dB (at 10 kHz)

Loudness control at - 30 dB level ..... + 8 dB (100 Hz)

### Video section

VIDEO inputs / outputs(Composite) ..... 1 Vp-p / 75  $\Omega$

### FM Tuner section

Tuning frequency range ..... 87.5 MHz~108 MHz  
Usable sensitivity (IHF) ..... 13.2 dBf (1.2  $\mu$ V at 75  $\Omega$ )  
50 dB quieting sensitivity  
STEREO ..... 41.2 dBf (3.2  $\mu$ V at 75  $\Omega$ )  
Total harmonic distortion at 1 kHz  
MONO ..... 0.6 %  
STEREO ..... 0.7 %  
Signal to noise ratio at 65 dBf (IHF)  
MONO ..... 75 dB  
STEREO ..... 68 dB  
Selectivity (IHF  $\pm 400$  kHz) ..... 50 dB  
Stereo separation (IHF at 1 kHz) ..... 40 dB  
Frequency response ..... 30 Hz ~ 15 kHz, + 0.5 dB, - 3.0 dB

### AM Tuner section

Tuning frequency range  
9 kHz ..... 531 kHz ~ 1,602 kHz  
10 kHz ..... 530 kHz ~ 1,610 kHz  
Usable sensitivity ..... 12  $\mu$ V / (500  $\mu$ V / m)  
Total harmonic distortion ..... 0.7 %  
Signal to noise ratio ..... 48 dB  
Selectivity ..... 30 dB

### General

Power consumption ..... 260 W  
AC outlet  
SWITCHED ..... 2: ( total 200 W max.)  
(Except for Australia)  
Dimensions ..... W: 440 mm  
H: 143 mm  
D: 334 mm  
Weight (net) ..... 9.5 kg

Note : KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

# KR-694/V5560/V6060

## KENWOOD CORPORATION

Alive Mitake, 2-5, 1-chome Shibuya, Shibuya-ku, Tokyo 150, Japan

### KENWOOD SERVICE CORPORATION

P.O. BOX 22745, 2201 East Dominguez St., Long Beach, CA 90801-5745, U.S.A.

### KENWOOD ELECTRONICS CANADA INC.

6070 Kestrel Road, Mississauga, Ontario, Canada L5T 1S8

### KENWOOD ELECTRONICS LATIN AMERICA S.A.

P.O. BOX 55-2791, Piso 6 Plaza Chase, Cl. 47 y Aquilino de la Guardia, Panama, Republic de Panama

### TRIO-KENWOOD U.K. LIMITED

Kenwood House, Dwight Road, Watford, Herts, WD1 8EB, United Kingdom

### KENWOOD ELECTRONICS BENELUX N.V.

Mecheisesteenweg 418 B-1930 Zaventem, Belgium

### KENWOOD ELECTRONICS DEUTSCHLAND GMBH

Rembrücker Str. 15, 63150 Heusenstamm, Germany

### TRIO-KENWOOD FRANCE S.A.

13 Boulevard Ney, 75018 Paris, France

### KENWOOD ELECTRONICS ITALIA S.p.A.

Via G. Sirtori, 7/9 20129 Milano, Italy

### KENWOOD ESPANA S.A.

Bolivia, 239-08020 Barcelona, Spain

### KENWOOD ELECTRONICS AUSTRALIA PTY. LTD. (A.C.N. 001 499 074)

P.O. BOX 504, 8 Figtree Drive, Australia Centre, Homebush, N.S.W. 2140, Australia

### KENWOOD & LEE ELECTRONICS, LTD.

Unit 3712-3724, Level 37 Tower 1, Metroplaza, 223 Hing Fong Road,

Kwai Fong N.T. Hong Kong

### KENWOOD ELECTRONICS SINGAPORE PTE LTD

No. 1 Genting Lane #07-00, Singapore, 1334